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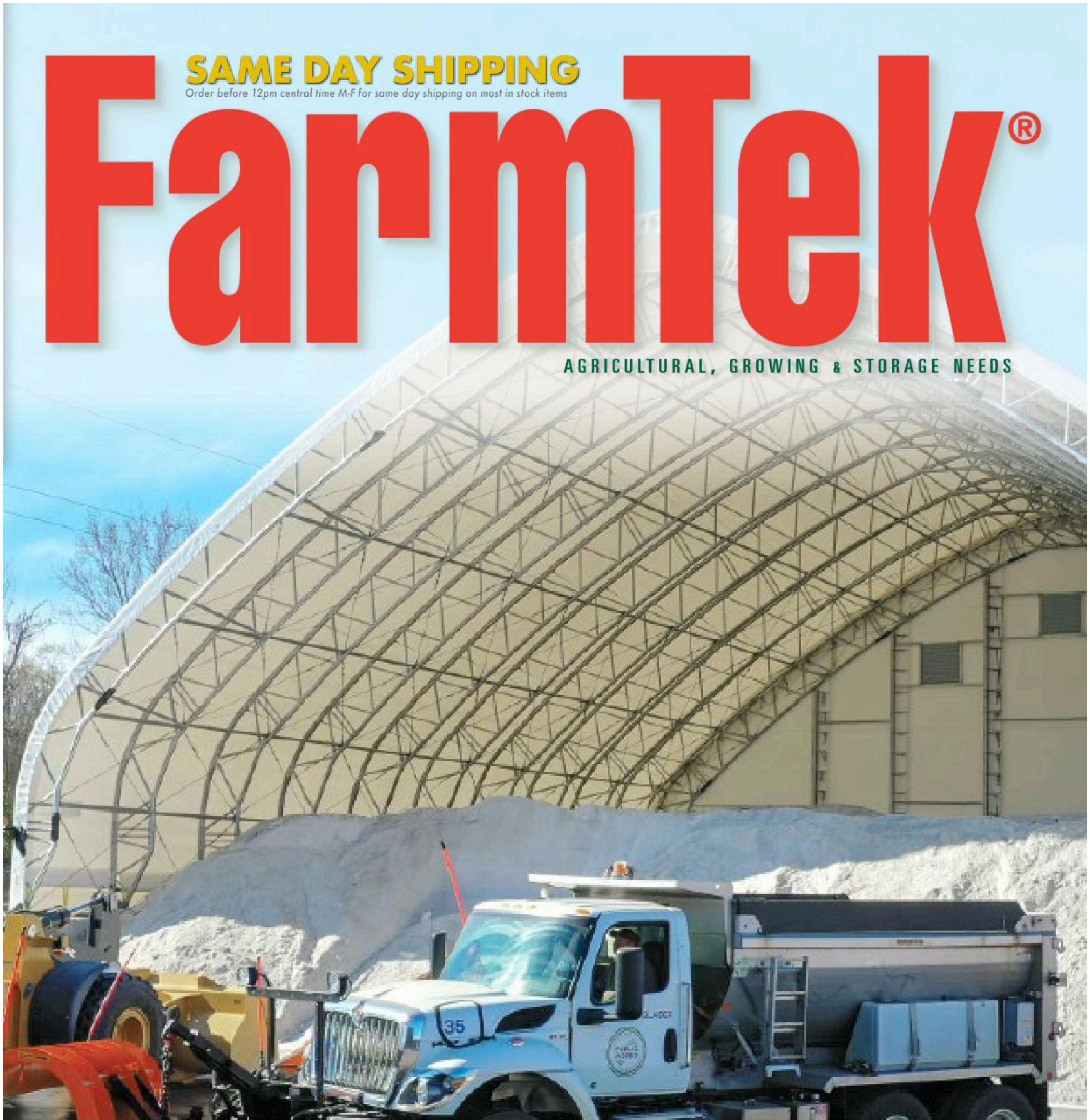
FarmTek®

AGRICULTURAL, GROWING & STORAGE NEEDS



Growers supply

10% OFF

Up to $500*

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Growers supply

WELCOME TO THE FARMTEK® FAMILY

It's our mission to enhance your life by bringing you products that solve your problems and simplify managing your barn, business, home or garden center. Since 1979, we have been committed to meeting your needs. That commitment encompasses many things. It provides shopping from a collection of over 30,000 of the highest quality products available. It means our friendly National Account Managers are here to listen to you and respond with accurate, helpful solutions. *We hope you enjoy your experience. - Barry Goldsher, CEO*

Shop our FULL LINE of High Quality Products at www.FarmTek.com or www.GrowersSupply.com

We've recently condensed our catalog to improve and simplify your shopping experience. Although you might not see some of the products you've purchased in the past in this catalog, you can still find them online or by calling one of our National Account managers. Browse our website or call today to find your favorite products.

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We are proud to announce a new in-house financing plan that includes rates as low as 5.99%. All terms subject to credit approval. Whether you are adding a fabric structure or simply upgrading your light fixtures, our flexible financing plans allow you to get your projects completed. Finance as little as $5,000 by trusting your next project to us. Contact us for more information or to begin planning your next project today.

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Catalog Pricing
We try to guarantee the prices in our catalog. However, price changes may occur due to the increase in the cost of goods or products. All pricing is in U.S. dollars.

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NEW Frame It All™ Kits And Accessories are the perfect way to transform your landscape and start growing high-quality vegetables, herbs and flowers at home.

AS LOW AS
$99.95

NEW PRODUCT

Shop Our Full Line Of New Products

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NEW Grodan Rockwool Plug Sheets help simplify the germination process and provide a high success rate, so you can achieve fast, uniform plant development.

AS LOW AS
$9.95

NEW Dolphin Pumps are designed and manufactured for maximum efficiency and minimum power consumption, allowing for cost-effective and worry-free operation of your hydroponic system.

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$929.00

NEW Portable, easy-to-use Bluelab Meters And Testing Supplies allow for comprehensive temperature, acidity/conductivity and nutrition data collection to help growers optimize plant health.

AS LOW AS
$40.95

DRIP MATE
DRIP KIT
Do-It-Yourself Low Volume Watering System

NEW Drip Mate® Micro Irrigation Kits And Accessories provide you with everything needed to set up an efficient drip irrigation system and optimize plant growth, while also conserving water.

AS LOW AS
$479.95

NEW The 20 W LED Grow Lamp Pack provides an ideal lighting solution for cloning, seed-starting, vertical farming and hydroponics in small-scale growing setups.

AS LOW AS
$129.95

NEW The Jiffy® Finesse Growbag is filled with 100% coco substrate and requires no buffering, mixing or additives, making it simple to start growing.

AS LOW AS
$5.49

NEW 6" Replacement Evaporative Cooling Pads.

AS LOW AS
$34.95

NEW ClearSpan™ Heavy Duty Retractable Vinyl Doors make a functional and cost-effective addition to your fabric building, providing reliable weather protection and easy access to aggregate material, equipment or any other stored good.

AS LOW AS
$5,545.00

NEW The Gama Sonic® Cottage Solar Barn Light combines an industrial modern design with exceptional functionality.

AS LOW AS
$229.99

NEW Puncture-resistant, high tear strength FeedShield™ and FeedShield™ Pro Reinforced Silage Tarps feature durable, multi-layer string polyethylene construction, defending your silage outdoors for up to 18 months.

AS LOW AS
$16.95

NEW Cordova Split Leather Palm Insulated Work Gloves offer warmth, safety and durability, and are ideal for yard work, landscaping, barn and stable maintenance, construction and more.

AS LOW AS
$7.79

Halco
LIGHTING TECHNOLOGIES

NEW Halco® LED Bulbs are a reliable and cost-efficient replacement for traditional 100 watt incandescent lamps.

AS LOW AS
$2.35

NEW Modine® MEW Electric Washdown Heaters provide an innovative heating solution that's able to thrive in washdown and corrosive environments.

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$4,239.95

NEW PRODUCT

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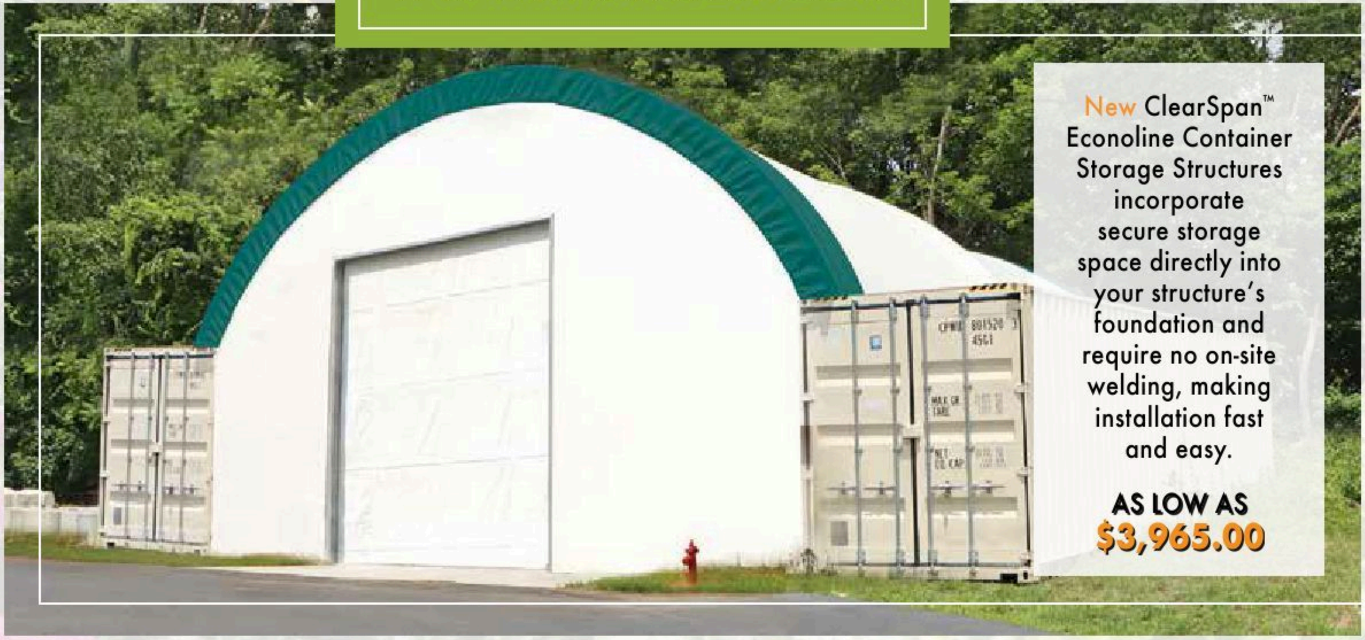
NEW The Velux® Dynamic Dome Skylight combines uncompromising strength with an innovative, architecturally striking design to deliver optimum light transmittance and light diffusion throughout the daytime.



New ClearSpan™ Econoline Container Storage Structures incorporate secure storage space directly into your structure's foundation and require no on-site welding, making installation fast and easy.

AS LOW AS
$3,965.00

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

ClearSpan

Since 1979, ClearSpan™ has been providing the most dependable building solutions across dozens of industries.

ClearSpan™ structures are among the most versatile and dependable, and whether you need a building for commercial storage, sand & salt, athletics or anything else, there's a custom or turnkey ClearSpan building. Contact a Building Specialist now for a free project quote, and find out why businesses across the globe trust ClearSpan for all their business needs.

THE CLEARSPAN ADVANTAGE INCLUDES

- Industry-leading warranties
- I-Beam & Truss Designs
- Natural ventilation
- Low cost per square foot
- Quick construction timelines
- Cost-saving foundation options
- Maximum usable space
- Climate-sensitive covers
- Permanent or temporary use
- Superior acoustics

Fabric Structures

- Ultra-durable fabric covers
- Natural light filters through, significantly reducing lighting costs
- Truss Arch or I-Beam frames
- Natural ventilation
- Cost-effective foundations that are temporary or permanent
- Custom and turnkey designs

Metal Buildings

- Steel cladding for maximum strength
- I-Beam construction
- Build to any size
- Traditional appearance
- Cost-effective
- Custom and turnkey designs

Hybrid Buildings

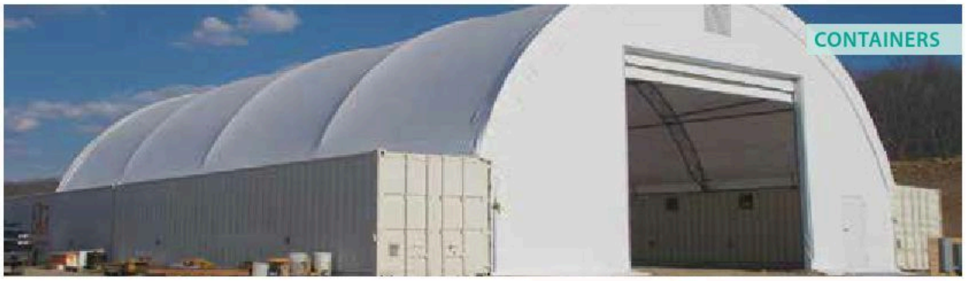
- Combines the best of fabric and metal structures
- Fabric roof provides natural lighting
- Steel sidewalls ensures strength
- Energy-efficient options

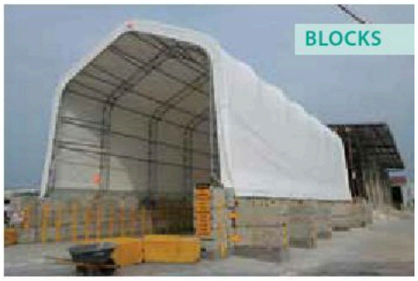
Versatile Foundation Solutions Allow You to Build Anywhere. From money-saving foundations that allow these buildings to be constructed just about anywhere to more traditional options, ClearSpan™ has the ideal foundation solution for any project.

CLEARSPAN FOUNDATION OPTIONS

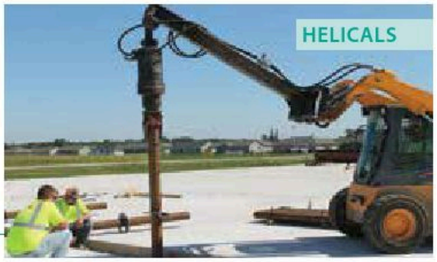
- Poured Concrete
- Exclusive Helical Anchor System
- Pony Walls
- Blocks
- Containers
- Piers
- Concrete Pads

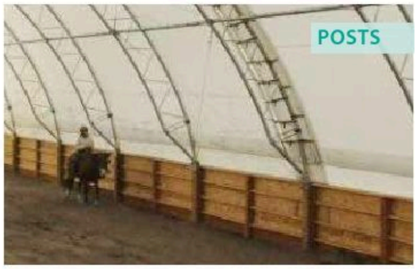
…and more

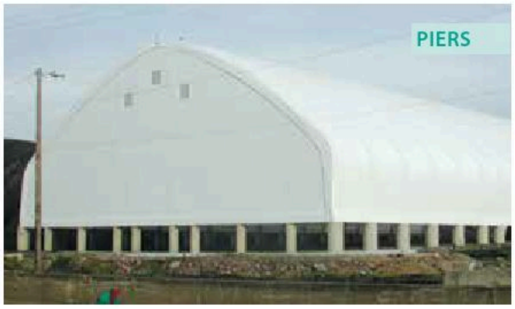


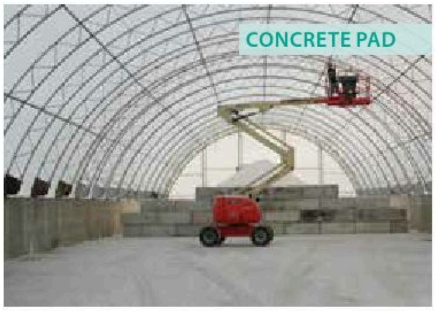


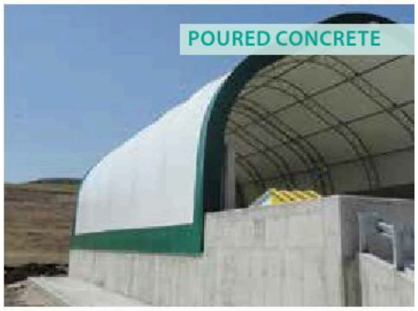
ClearSpan offers their exclusive Helical Anchoring System.
This cost-effective foundation drills directly into the ground, eliminating the need for expensive excavation and traditional foundations. The anchors create a dependable hold that can last for decades, while also allowing the structure to be conveniently relocated and reconstructed as needed.











Ideal for boat, hay, grain, sand and salt storage, livestock production, truck and tractor garages and more.

- Compare our price to the $30,000 to $40,000 cost of traditonal buildings.
- Can be built on any surface in just a few days.
- Frame is constructed from 14-gauge, triple-galvanized structural steel tubing.
- Premium white, 12.5 oz. , 24 mil cover reflects light, keeping the building cooler in the summer and warmer in the winter, and comes with a 15 year warranty.
- Custom colors, with built-in 6'W white skylight, are available at a premium.
- Buildings are sold without end panels, but can be equipped with ends, roll-up sides and can be insulated with our TekFoil™ Reflective Insulation, sold separately.
- Freestanding Buildings come complete with Heavy Duty Base Plates that have predrilled holes.

Create more storage and clearance in your ClearSpan Freestanding Building by mounting it on containers with ClearSpan's Freestanding End Wall Frame Kits for Containers and Freestanding End Wall Panel Kits for Containers.

- A great way to maximize the storage space and clearance of ClearSpan's Freestanding Buildings.
- End Wall Frame Kits provide the necessary end wall framing, while End Wall Panel Kits provided a durable fabric cladding for end walls.
- These versatile kits feature special designs that allow the columns and headers to be adjusted in any direction, so they can accommodate various sized overhead and sliding doors.
- The End Wall Frame Kit and End Wall Panel Kit can be used on containers ranging in height from 8'6" to 9'6".
- End panels are available in white, tan, green and gray.

W G N T COLORS

FREESTANDING BUILDINGS

STK#	SIZE	PIPE DIMENSION	RAFTER SPACING	EACH
107764	20'W x 12'H x 20'L	1.66"	4'	$ 3,275.00
PB00580R4	20'W x 12'H x 24'L	1.66"	4'	3,939.00
PB00582R4	20'W x 12'H x 36'L	1.66"	4'	5,245.00
107765	20'W x 12'H x 40'L	1.66"	4'	5,489.00
PB00584R4	20'W x 12'H x 48'L	1.66"	4'	6,539.00
107766	26'W x 12'H x 20'L	1.90"	4'	4,179.00
PB00590R4	26'W x 12'H x 24'L	1.90"	4'	4,949.00
PB00592R4	26'W x 12'H x 36'L	1.90"	4'	6,219.00
107767	26'W x 12'H x 40'L	1.90"	4'	6,765.00
PB00594R4	26'W x 12'H x 48'L	1.90"	4'	7,439.00
PB00680R4	30'W x 15'H x 40'L	2.375"	4'	7,929.00
PB00600R4	30'W x 15'H x 48'L	2.375"	4'	8,869.00
PB00610R4	30'W x 15'H x 60'L	2.375"	4'	11,839.00
PB00700R4	30'W x 15'H x 72'L	2.375"	4'	13,079.00
107769	34'W x 17'4"H x 40'L	2.375″	4'	8,805.00
PB00650R4	34'W x 17'4"H x 48'L	2.375"	4'	10,069.00
PB00652R4	34'W x 17'4"H x 60'L	2.375"	4'	12,779.00
PB00654R4	34'W x 17'4"H x 72'L	2.375"	4'	14,969.00
PB00260R5	38'W x 15'H x 40'L	3.50"	5'	11,259.00
PB00262R5	38'W x 15'H x 60'L	3.50"	5'	15,755.00
PB00264R5	38'W x 15'H x 80'L	3.50"	5'	20,115.00
PB00266R5	38'W x 15'H x 100'L	3.50"	5'	26,265.00
107770	42'W x 17'3"H x 40'L	3.50"	4'	13,925.00
PB03100R4	42'W x 17'3"H x 48'L	3.50"	4'	15,869.00
PB03102R4	42'W x 17'3"H x 60'L	3.50"	4'	19,495.00
PB03104R4	42'W x 17'3"H x 72'L	3.50"	4'	22,995.00
PB03106R4	42'W x 17'3"H x 96'L	3.50"	4'	32,169.00

Add color code to end of STK# to indicate color choice.

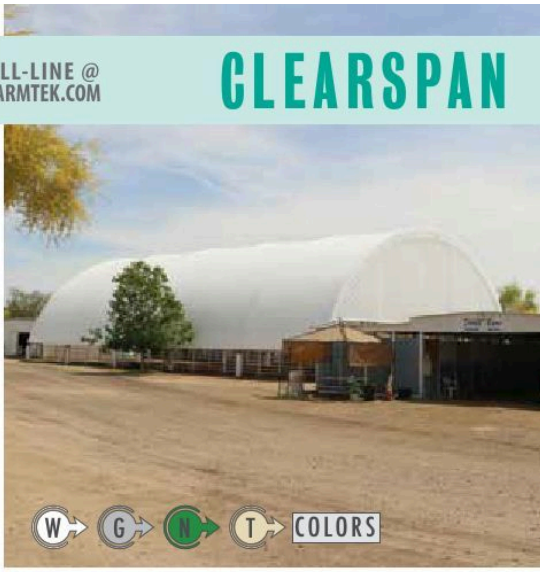
CLEARSPAN™ FREESTANDING END WALLS

FRAME KITS FOR CONTAINERS			PANEL KITS FOR CONTAINERS	
STK#	EACH	WIDTH	STK#	EACH
103952C	$1,625.00	20'	116933*	$1,695.00
103953C	2,445.00	26'	116934*	3,029.00
103955C	2,575.00	30'	116935*	3,069.00
112099C	2,735.00	34'	116936*	2,195.00
108986C	3,135.00	36'	116937*	3,375.00
103958C	3,215.00	38'	116938*	2,275.00
105444C	3,325.00	42'	116939*	2,179.00

*Add color code to end of STK# to indicate color choice.

The potential for these buildings is limited only by your imagination.

- Pony Wall Buildings are intended for use on wood posts or on a foundation wall.
- Height of building includes 4' pony wall.
- Frame is constructed from 14-gauge, triple-galvanized structural steel tubing.
- Premium white 12.5 oz., 24 mil cover reflects light, keeping the building cooler in the summer, warmer in the winter, and comes with a 15 year warranty.
- Custom colors, with built-in 6'W white skylight, are available at a premium.
- Buildings are sold without end panels, but can be equipped with ends, roll-up sides and can be easily insulated with our TekFoil™ Reflective Insulation.
- All Pony Wall Buildings come complete with Heavy Duty Base Plates that have predrilled fastening holes.



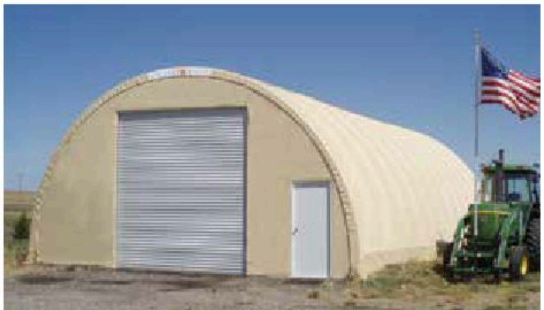
PONY WALL BUILDINGS

STK#	SIZE	PIPE DIMENSION	RAFTER SPACING	EACH
PB00820R4	20'W x 16'H x 24'L	1.66"	4'	$ 3,939.00
PB00822R4	20'W x 16'H x 36'L	1.66"	4'	5,245.00
PB00824R4	20'W x 16'H x 48'L	1.66"	4'	6,539.00
PB00826R4	26'W x 16'H x 24'L	1.90"	4'	4,949.00
PB00828R4	26'W x 16'H x 36'L	1.90"	4'	6,219.00
PB00830R4	26'W x 16'H x 48'L	1.90"	4'	7,439.00
PB00812R4	30'W x 19'H x 48'L	2.375"	4'	8,869.00
PB00813R4	30'W x 19'H x 60'L	2.375"	4'	11,839.00
PB00814R4	30'W x 19'H x 72'L	2.375"	4'	13,079.00
PB00802R4	34'W x 17'4"H x 48'L	2.375"	4'	9,679.00
PB00804R4	34'W x 17'4"H x 60'L	2.375"	4'	11,719.00
PB00806R4	34'W x 17'4"H x 72'L	2.375"	4'	13,615.00
PB00816R4	34'W x 21'4"H x 48'L	2.375"	4'	10,069.00
PB00817R4	34'W x 21'4"H x 60'L	2.375"	4'	12,779.00
PB00818R4	34'W x 21'4"H x 72'L	2.375"	4'	14,969.00
PB00250R5	38'W x 19'H x 40'L	3.50"	5'	11,259.00
PB00252R5	38'W x 19'H x 60'L	3.50"	5'	15,755.00
PB00254R5	38'W x 19'H x 80'L	3.50"	5'	20,115.00
PB00256R5	38'W x 19'H x 100'L	3.50"	5'	26,265.00
PB03150R4	42'W x 21'3"H x 48'L	3.50"	4'	15,869.00
PB03152R4	42'W x 21'3"H x 60'L	3.50"	4'	19,495.00
PB03154R4	42'W x 21'3"H x 72'L	3.50"	4'	22,995.00
PB03156R4	42'W x 21'3"H x 96'L	3.50"	4'	32,169.00

Add color code to end of STK# to indicate color choice.

Special End Frame Kits and Panels will keep out harsh weather, while offering natural ventilation and maximum airflow.

- Special End Frame Kits and Panels allow you to create a healthy, comfortable environment that aids in moisture removal, draft control and natural ventilation.
- Steel End Frames are constructed from triple-galvanized structural steel square tubing.
- Solid or vented panels are manufactured from our 12.5 oz., 24 mil premium fabric and come in your choice of four colors. Vent is made from our SunBlocker™ Black Knitted 80% Shade Cloth.
- When not using an End Frame Kit, please remember to purchase necessary conduit.
- Please note, 36'W End Panels are available in white only, with or without vent.

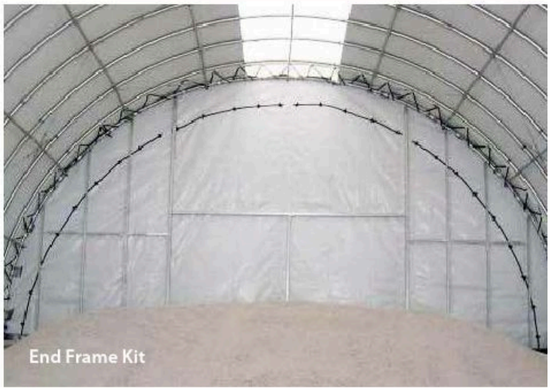


Fabric End Panel shown with optional steel roll-up door and man door.

CLEARSPAN™ END FRAME KITS AND PANELS

STK#	END FRAME KIT	SIZE	STK#	FABRIC END PANELS*	FABRIC END PANEL WITH VENT**
103952	$ 655.00	20'W x 12'H	106645	$ 445.00	$ 589.00
106627	769.00	20'W x 16'H	106646	585.00	739.00
103953	949.00	26'W x 12'H	106647	595.00	745.00
106628	1,119.00	26'W x 16'H	106648	745.00	869.00
103955	969.00	30'W x 11'H	106649	619.00	735.00
103956	1,119.00	30'W x 15'H	106650	799.00	929.00
115111	2,845.00	30'W x 19'H	115113	1,035.00	1,165.00
112099	1,469.00	34'W x 13'4"H	112099	1,469.00	1,079.00
105442	1,195.00	34'W x 17'4"H	106651	995.00	1,165.00
115112	2,950.00	34'W x 21'4"H	115114	1,185.00	1,385.00
108986	1,189.00	36'W x 16'2"H	108985W	1,219.00	1,445.00
108701	2,515.00	36'W x 20'2"H	108476W4	1,285.00	1,539.00
108702	2,539.00	36'W x 22'2"H	108476W6	1,319.00	1,545.00
108703	3,119.00	36'W x 24'2"H	108476W8	1,325.00	1,565.00
103958	2,225.00	38'W x 15'H	106652	995.00	1,165.00
103959	2,525.00	38'W x 19'H	106653	1,325.00	1,399.00
105444	2,605.00	42'W x 17'3"H	106654	1,215.00	1,439.00
106629	3,029.00	42'W x 21'3"H	106655	1,465.00	1,669.00

*Add W for White, N for Green, T for Tan or G for Gray to the end of the STK# for desired color choice. **Add 80 after color choice for vented end panel.



End Frame Kit

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

ClearSpan™ Econoline Pony Wall and Freestanding Buildings are the economical solution to any storage need.

- Ideal protection from wind, rain, snow and sun.
- Choose between Freestanding and Pony Wall styles. Please note that height listed is actual height of building.
- Frames are manufactured from our 14-gauge, triple-galvanized structural steel tubing.
- 10 oz., 22 mil premium polyethylene rip-stop covers come in your choice of white or green and have a 7 year warranty.
- Rafter spacing: 5'.
- For added strength and durability, particularly in heavy-snow areas, we recommend adding extra Rafter Kits, sold separately.
- Custom End Panel Kits are available both with and without Zippered Doors.
- All buildings include Heavy Duty Base Plates.

Econoline Pony Wall and Freestanding Rafter Kits

- Rafter Kits allow you to add extra strength and durability to your building.
- Kits comes complete with Heavy Duty Base Plates that have predrilled fastening holes.
- Simply add purlins and cross connectors, sold separately, as needed.

Rafter Kit Accessories

- Swaged purlins are manufactured from 17-gauge, triple-galvanized structural steel tubing and are corrosion resistant. 1.315" OD, 1-3/16" ID, 3" swage.
- Unique aluminum cross connectors are ideal for purlin to rafter connections and will add strength to your building.

Econoline Pony Wall and Freestanding End Panels

- Choose either Solid or Zippered Ends in standard height or tall version. Tall version allows for enough side wall fabric to sit on a 6' wall. If necessary, fabric can be cut in the field.
- End Frame and Installation Kits are not included. Let your National Account Manager make the right recommendation for end frames, fabric clips and conduit for your application.

ECONOLINE PONY WALL AND FREESTANDING BUILDINGS

STK#	SIZE	PIPE DIMENSION	EACH
108294	20'W x 12'H x 20'L	1.66"	$ 2,799.00
108295	20'W x 12'H x 25'L	1.66"	3,705.00
108296	20'W x 12'H x 30'L	1.66"	4,239.00
108297	20'W x 12'H x 35'L	1.66"	4,479.00
108298	20'W x 12'H x 40'L	1.66"	4,709.00
108299	26'W x 12'H x 20'L	1.90"	3,575.00
108300	26'W x 12'H x 25'L	1.90"	4,255.00
108301	26'W x 12'H x 30'L	1.90"	5,089.00
108302	26'W x 12'H x 35'L	1.90"	5,375.00
108303	26'W x 12'H x 40'L	1.90"	5,645.00
108304	30'W x 15'H x 30'L	2.375"	5,329.00
108305	30'W x 15'H x 35'L	2.375"	6,179.00
108306	30'W x 15'H x 40'L	2.375"	6,675.00
108307	30'W x 15'H x 50'L	2.375"	8,065.00
108308	30'W x 15'H x 60'L	2.375"	9,609.00
108309	30'W x 15'H x 70'L	2.375"	10,659.00
108310	30'W x 15'H x 80'L	2.375"	12,495.00
108311	30'W x 15'H x 90'L	2.375"	13,459.00
108312	30'W x 15'H x 100'L	2.375"	15,359.00

RAFTER KITS FOR ECONOLINE PONY WALL & FREESTANDING BUILDINGS

STK#	WIDTH	EACH
108670	20'	$259.00
108671	26'	319.00
108672	30'	395.00

CROSS CONNECTORS

STK#	FITS PIPE OD	EACH	200 & UP
102548	1.66" x 1.315"	$2.39	$2.29
102547	1.90" x 1.315"	4.19	4.05
102546	2.375" x 1.315"	4.95	4.75

GALVANIZED SWAGED PURLINS

STK#	LENGTH	EACH	50 & UP
131S075	75"	$19.55	$18.79
131S096	96"	19.69	18.95

ORDERING: ECONOLINE PONY WALL AND FREESTANDING BUILDINGS
STK# + F (Building Style) + W (Color) **Example:** 108294FW. This represents a 20'W x 12'H x 20'L Freestanding Building with a white cover. **Building Style Code:** Add F for Freestanding Building or P for Pony Wall Building. **Color Code:** Add W for White or N for Green.

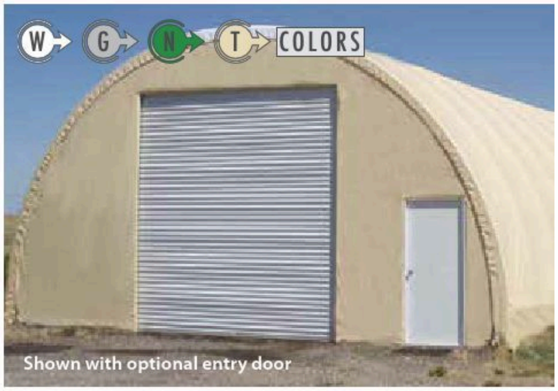
ORDERING: ECONOLINE PONY WALL AND FREESTANDING END PANELS
STK# + S (Height) + W (Color) **Example:** 108313SW. This represents a Solid White End Panel, standard height. **Height Code:** Add S for Standard or T for Tall. **Color Code:** Add W for White or N for Green.

SOLID END PANELS				ZIPPERED END PANELS*			
STK#	STANDARD	TALL	WIDTH	STANDARD	DOOR SIZE & ZIPPERS	TALL	DOOR SIZE & ZIPPERS
108313	$325.00	$389.00	20'	$525.00	10'W x 10'H w/2 Zippers	$585.00	10'W x 12'H w/2 Zippers
108314	405.00	445.00	26'	625.00	14'W x 10'H w/2 Zippers	685.00	14'W x 12'H w/2 Zippers
108315	499.00	599.00	30'	809.00	24'W x 14'H w/3 Zippers	965.00	24'W x 14'H w/3 Zippers

*Add Z to the end of the STK# to indicate Zippered End (Example: 108313SWZ). Door Height is measured from peak.

Steel roll-up door adds strength to Storage Master SolarGuard™.

- Factory direct to your door.
- Easy to construct on any surface.
- Round style.
- 14-gauge interior pipe supports the 12.5 oz., 24 mil premium white cover, that comes with a 15 year warranty.
- Custom colors are available at a premium and include a 6'W white skylight.
- Comes with End Frame Kit with Steel Roll-Up Door and one solid end panel.
- End Frame Kit utilizes 16-gauge, 1.5" square, triple-galvanized structural steel tubing, with 2" square tubing around door.
- Door is 26-gauge galvanized, white corrugated steel with a polyester finish.
- 12'W x 12'H and 14'W x 14'H doors have a chain hoist.
- 10'W x 9'H doors have pull rope.
- Door comes with a 25 year no fade/40 year film integrity and 1 year materials warranty.
- Buildings come complete with Heavy Duty Base Plates that have predrilled holes.



Shown with optional entry door

CLEARSPAN™ STORAGE MASTER SOLARGUARD™ BUILDINGS

STK#	SIZE	PIPE DIMENSION	DOOR SIZE	RAFTER SPACING	EACH
PB00010R4	26'W x 12'H x 48'L	1.90"	10'W x 9'H	4'	$10,735.00
PB00100R4	30'W x 15'H x 48'L	2.375"	12'W x 12'H	4'	14,879.00
PB00110R4	30'W x 15'H x 60'L	2.375"	12'W x 12'H	4'	17,755.00
PB00120R4	30'W x 15'H x 72'L	2.375"	12'W x 12'H	4'	19,009.00
PB00130R4	34'W x 17'4"H x 48'L	2.375"	12'W x 12'H	4'	17,375.00
PB00132R4	34'W x 17'4"H x 60'L	2.375"	12'W x 12'H	4'	19,929.00
PB00134R4	34'W x 17'4"H x 72'L	2.375"	12'W x 12'H	4'	22,089.00
PB00270R5	38'W x 15'H x 40'L	3.50"	12'W x 12'H	5'	20,215.00
PB00272R5	38'W x 15'H x 60'L	3.50"	12'W x 12'H	5'	25,019.00
PB00274R5	38'W x 15'H x 80'L	3.50"	12'W x 12'H	5'	30,725.00
PB00276R5	38'W x 15'H x 100'L	3.50"	12'W x 12'H	5'	35,635.00
PB00230R4	42'W x 17'3"H x 48'L	3.50"	14'W x 14'H	4'	28,015.00
PB00232R4	42'W x 17'3"H x 60'L	3.50"	14'W x 14'H	4'	31,545.00
PB00234R4	42'W x 17'3"H x 72'L	3.50"	14'W x 14'H	4'	35,109.00
PB00236R4	42'W x 17'3"H x 96'L	3.50"	14'W x 14'H	4'	44,185.00

Add color code to end of STK# to indicate color choice.

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

ClearSpan™ High Boy Buildings can easily accommodate RVs, tractor trailers, all large equipment and vehicles.

- Frame is constructed from 14-gauge, triple-galvanized structural steel tubing.
- All High Boys are 26'W and 21'8-15/16"H.
- Rafter spacing: 10'. Height to truss: 20'3/8".
- 12.5 oz., 24 mil premium poly cover comes in your choice of four colors and with a 15 year warranty.
- Comes complete with Heavy Duty Base Plates that have predrilled fastening holes.
- Buildings come without end panels, but can be equipped with solid fabric ends, or ends with 14' x 14' steel roll-up door on one end or both.

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High Boy End Framing Kits

- End Framing Kits are available in 12.5 oz., 24 mil premium poly in your choice of four colors, with or without steel roll-up door.
- 14'W x 14'H Premium Steel Roll-Up Door includes reduced-drive chain hoist for raising and lowering and a steel slide bolt interior lock.
- Frame is constructed from Heavy Duty, triple-galvanized structural steel tubing.

CLEARSPAN™ HIGH BOY BUILDINGS

STK#	LENGTH	EACH
115402	30'	$11,509.00
115403	40'	14,285.00
115404	50'	17,585.00
115405	60'	20,535.00
115406	70'	22,855.00
115407	80'	24,389.00

Add color code to the end of the STK#.

HIGH BOY END FRAMING KITS

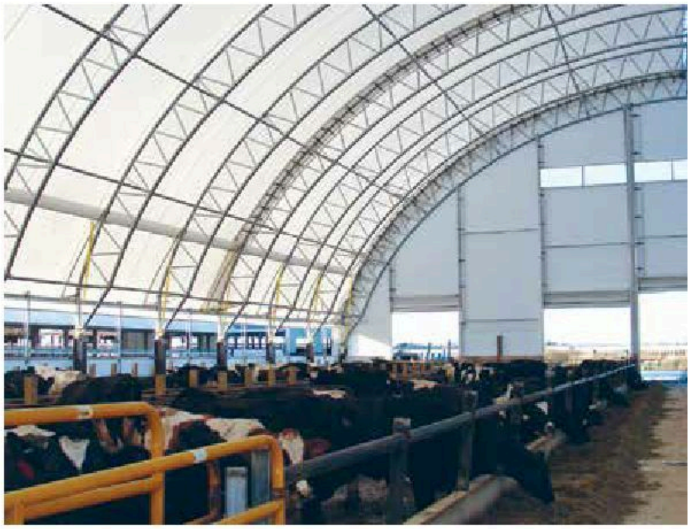
STK#	ITEM	EACH
115408	Fabric End Frame Kit	$2,650.00
115409	End Frame Kit w/Roll-Up Door	6,145.00

Add color code to the end of the STK#.

The ClearSpan™ Round Super-Tall HD Building provides the maximum amount of clearance.

- The high clearance and ample space makes these structures perfect for any application.
- 12.5 oz., 24 mil rip-stop polyethylene covers are UV resistant and available in four colors.
- Ultra-durable frames are manufactured from, triple-galvanized structural steel that is long lasting and corrosion resistant.
- Build as a freestanding structure or on pony walls.
- Truss spacing is 20' on center.
- Industry-leading 20 year warranty on the cover and 50 year warranty on the frame.
- End walls are available as solid walls or with framing for a door.
- Custom covers, end panels and accessories are available. Ask you knowledgeable Truss Arch Specialist for more information.

W G N T COLORS



CLEARSPAN™ ROUND SUPER-TALL HD BUILDINGS

	43'W		52'W		62'W	
LENGTH	STK#	EACH	STK#	EACH	STK#	EACH
40'	TST4304020F	$22,915.00	TST5204020F	$24,615.00	TST6204020F	$26,210.00
60'	TST4306020F	28,755.00	TST5206020F	30,465.00	TST6206020F	33,255.00
80'	TST4308020F	36,765.00	TST5208020F	38,595.00	TST6208020F	43,125.00
100'	TST4310020F	45,100.00	TST5210020F	44,895.00	TST6210020F	51,255.00
120'	TST4312020F	51,955.00	TST5212020F	51,405.00	TST6212020F	59,340.00
140'	TST4314020F	60,455.00	TST5214020F	59,790.00	TST6214020F	67,275.00

Add color code to end of STK# to indicate color choice.

CLEARSPAN™ ROUND SUPER-TALL HD END WALLS

SOLID END WALL			END WALL W/ DOOR FRAME	
STK#	EACH	WIDTH	STK#	EACH
TEST043SLD	$2,995.00	43'	TEST043DR	$3,995.00
TEST052SLD	4,245.00	52'	TEST052DR	5,225.00
TEST062SLD	4,325.00	62'	TEST062DR	5,989.00

Add color code to end of STK# to indicate color choice.

ClearSpan™ Econoline Buildings offer a reliable and economical solution to just about any storage requirement.

- These cost-effective storage buildings provide your valuables with ample protection from the elements.
- Wide-open interiors improve storage capability by maximizing usable space.
- Frames are manufactured from high-quality, galvanized structural steel tubing.
- 117738-117740 feature durable polyethylene covers and have a 5 year warranty.
- 117741 features a vinyl cover and has a 5 year warranty.
- Stake pegs and expansion bolts included for choice between earth or concrete anchoring.
- For climates with high winds or sandy soils we recommend adding additional Ground Anchors, sold below.
- Building covers are white with green trim.
- End panel kits included with doors.

GROUND ANCHOR ASSEMBLY

STK#	EACH
105587	$31.89

CLEARSPAN™ ECONOLINE BUILDINGS

STK#	SIZE	PIPE SIZE AND GAUGE	RAFTER SPACING	COVER WEIGHT	DOOR SIZE	DOOR OPERATION	EACH
117738	20'W x 12'H x 30'L	1.66"/16 ga	5'	8.85 oz.	14'W x 10'H	Zipper	$1,895.00
117739	20'W x 12'H x 40'L	1.66"/16 ga	5'	8.85 oz.	14'W x 10'H	Zipper	2,395.00
117740	32'W x 16'H x 40'L	2.36"/15 ga	6.5'	8.85 oz.	12'W x 12'H	Rope	3,395.00
117741	40'W x 20'H x 60'L	3.38"/14 ga	6.5'	14.74 oz.	13'W x 14'6"H	Rope	7,795.00

Our ClearSpan Bolt Up Building is an affordable metal structure designed for ease of installation, allowing you and just a few friends to assemble.

C P H CR LS COLORS

- Kits are weld free and bolt together for easy assembly and can be put together quickly with a limited crew.
- Requires few tools and goes up quickly, ensuring a quick building solution for any need.
- Package includes an installation guide, framing, roof, cladding, trim, doors and all the required accessories to complete a functional and handsome building.
- Buildings come in one solid color. Roof, cladding and trim will be the same color.

ClearSpan Standard Bolt Up Package

- The framing is made from 14 gauge, red-iron.
- 12'H sidewall columns and rafters.
- 16 gauge roof purlins and 3/8" steel structural plates.
- Kits are rated for up to 145 mph and 30 lb. ground snow load.
- Roof and wall cladding are constructed from prime, 26 gauge acrylic Galvalume® R-Loc™.
- Roof pitch is 3:12.
- Comes with framing for large access doors on both end walls. Included is one steel walk-in door with lockset, Additional doors can be added.
- Available in the customers' choice of five colors: Charcoal (C), Polar (P), Hunter (H), Crimson (CR) or Light Stone (LS).

ClearSpan Premium Bolt Up Package

- Kit includes everything the standard package comes with in addition of gutters and downspouts and a DripX condensation barrier.

The ClearSpan Bolt Up Package advantage includes:

- Large door framing and walk-in doors – Access for equipment and vehicles.
- Durable design – Constructed from high-quality materials.
- Trim package included – Provides a clean, finished look.

CLEARSPAN BOLT UP BUILDINGS

STK#	SIZE	PACKAGE	EACH
BB2024S	20'W x 12'H x 24'L	Standard	$ 7,749.00
BB2430S	24'W x 12'H x 30'L	Standard	9,205.00
BB3040S	30'W x 12'H x 40'L	Standard	13,599.00
BB3052S	30'W x 12'H x 52'L	Standard	17,849.00
BB2024P	20'W x 12'H x 24'L	Premium	8,445.00
BB2430P	24'W x 12'H x 30'L	Premium	9,999.00
BB3040P	30'W x 12'H x 40'L	Premium	14,689.00
BB3052P	30'W x 12'H x 52'L	Premium	19,275.00

Add color code to end of STK# to indicate color choice. Charcoal (C), Polar (P), Hunter (H), Crimson (CR) or Light Stone (LS).

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

The Storage Master Elite provides ample storage for cars, trucks and equipment.

- Extra Heavy Duty frame is manufactured from 14-gauge, triple-galvanized square steel tubing.
- 12'W and 18'W use 2" square tubing with 5' rafter spacing.
- 24'W and 30'W use 2" x 3" tubing with 4' rafter spacing.
- The tall, straight sidewalls allow greater storage capability.
- Sidewall height to bend: 9'6"H.
- UV-resistant 12.5 oz., 24 mil premium, forest green, rip-stop poly cover comes with a 15 year warranty.
- Custom colors are also available at a premium.
- SolarGuard™ white skylight lets the sun shine in.
- One solid and one zippered end panel that allows the entire end to be opened and closed.
- 12'W has one 8'W x 8'H double-zippered door and a 4'W skylight.
- 18'W has two 8'W x 8'H triple-zippered doors and a 6'W skylight.
- 24'W and 30'W have two 10'W x 8'H triple-zippered doors and come with a 6'W skylight.

W G N T COLORS

CLEARSPAN™ STORAGE MASTER ELITE GARAGES

STK#	SIZE	EACH
PB03000R5	12'W x 12'3"H x 20'L	$ 4,325.00
PB03002R5	12'W x 12'3"H x 25'L	5,059.00
PB03004R5	12'W x 12'3"H x 30'L	6,079.00
PB03010R5	18'W x 13'2"H x 20'L	5,745.00
PB03012R5	18'W x 13'2"H x 25'L	6,959.00
PB03014R5	18'W x 13'2"H x 30'L	8,065.00
PB03016R5	18'W x 13'2"H x 35'L	9,199.00
PB03020R4	24'W x 14'4"H x 24'L	8,689.00
PB03022R4	24'W x 14'4"H x 28'L	10,555.00
PB03024R4	24'W x 14'4"H x 32'L	10,855.00
PB03026R4	24'W x 14'4"H x 36'L	12,625.00
107771	30'W x 15'1-3/4"H x 24'L	9,480.00
107772	30'W x 15'1-3/4"H x 28'L	11,105.00
107773	30'W x 15'1-3/4"H x 36'L	13,119.00
107774	30'W x 15'1-3/4"H x 44'L	15,119.00

Add color code to end of STK# to indicate color choice.

Ideal for boats, RVs, trucks, tractors, automotive repair, short- and long-term storage.

- Compare our price to the $8,000 to $15,000 cost of traditional buildings.
- Frame is manufactured from triple-galvanized structural steel tubing.
- 4' rafter spacing.
- 12.5 oz., 24 mil premium forest green cover comes with a 15 year warranty.
- Custom colors are available at a premium.
- One solid end and one end with a double-zippered door with our exclusive Roll-Up Door Assembly.
- 10'H models come with a 4'W white skylight.
- 14'H models come with a 6'W white skylight.

W G N T COLORS

CLEARSPAN™ SOLARGUARD™ ROUND STYLE STORAGE MASTER BUILDINGS

STK#	SIZE	PIPE SIZE AND GAUGE	DOOR SIZE	EACH
PB00400R4	14'W x 10'H x 24'L	1.315"/17 ga	10'W x 8'H	$3,595.00
PB00410R4	14'W x 10'H x 28'L	1.315"/17 ga	10'W x 8'H	4,079.00
PB00420R4	14'W x 10'H x 36'L	1.315"/17 ga	10'W x 8'H	4,479.00
PB00500R4	14'W x 14'H x 24'L	1.66"/14 ga	10'W x 11'3-3/8"H	4,769.00
PB00510R4	14'W x 14'H x 28'L	1.66"/14 ga	10'W x 11'3-3/8"H	5,715.00
PB00520R4	14'W x 14'H x 36'L	1.66"/14 ga	10'W x 11'3-3/8"H	7,969.00
PB03200R4	14'W x 14'H x 44'L	1.66"/14 ga	10'W x 11'3-3/8"H	8,405.00

Add color code to end of STK# to indicate color choice.

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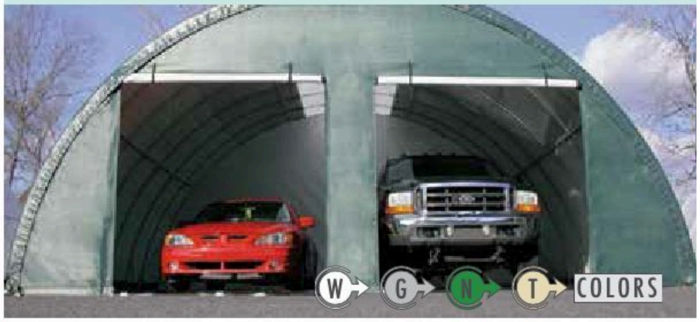
SolarGuard™ Oversized Garages

- Round style frame is 14-gauge, 1.66" OD, triple-galvanized structural steel tubing.
- 4' rafter spacing.
- Comes complete with end framing, one solid and one double-zippered end with Roll-Up Door Assembly. Door size: 12'W x 9'H.
- 12.5 oz., 24 mil premium forest green cover comes with a 15 year warranty.
- Custom colors are available at a premium.
- 6'W white skylight lets the sun shine in.

CLEARSPAN™ SOLARGUARD™ OVERSIZED GARAGES

STK#	SIZE	EACH
PB01400R4	20'W x 12'H x 24'L	$5,615.00
PB01410R4	20'W x 12'H x 28'L	6,479.00
PB01420R4	20'W x 12'H x 36'L	7,565.00

Add color code to end of STK# to indicate color choice.



Storage and protection for your vehicles.

- Round-style frame is 14-gauge, 1.90" OD, triple-galvanized structural steel tubing.
- 4' rafter spacing.
- Comes complete with end framing and one solid end panel.
- Two 8'W x 8'H double-zippered doors, with our Roll-Up Door Assembly included.
- 12.5 oz., 24 mil premium forest green cover comes with a 15 year warranty.
- Custom colors are available at a premium.
- 6'W white skylight lets the sun shine in.

CLEARSPAN™ STORAGE MASTER CLASSIC PLUS GARAGES

STK#	SIZE	EACH
PB00900R4	26'W x 12'H x 24'L	$6,479.00
PB00910R4	26'W x 12'H x 28'L	7,355.00
PB00920R4	26'W x 12'H x 36'L	8,859.00

Add color code to end of STK# to indicate color choice.

ClearSpan™ Elite Heavy Duty Metal Carports offer you a quick and reliable way to store your vehicles, combining a convenient design with superior strength and durability.

- These cost-effective, dependable carports can be assembled quickly with limited tools and just a few people, allowing for rapid vehicle protection.
- Each carport is constructed from galvanized steel framing, features 26 gauge metal cladding and offers 5' rafter spacing.
- 12'W carports employ 15 gauge, 1.5" x 2" steel pipe.
- 14'W and 20'W carports are designed with 14 gauge, 2" x 3" steel pipe.
- Carports are available with metal cladding on roof (118050, 118052 & 118054) or with metal cladding on roof and sidewalls (118051 & 118053).
- Anchoring for earth or asphalt included. To fasten carport to concrete, add wedge anchors.
- For additional support in high-wind areas, install using ground anchoring kit (105133A).
- Carports come in light gray color.

CLEARSPAN™ ELITE HEAVY DUTY METAL CARPORTS

STK#	SIZE	CLADDING	EACH
118050	12'W x 10'H x 20'L	Roof Only	$1,355.00
118051	12'W x 10'H x 20'L	Roof and Sidewalls	1,835.00
118052	20'W x 12'H x 20'L	Roof Only	2,015.00
118053	20'W x 12'H x 20'L	Roof and Sidewalls	2,579.00
118054	14'W x 16'H x 40'L	Roof Only	3,479.00

118052

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

Ideal for small cars, trucks, tractors, motorcycles, ATVs, snowmobiles, backyard storage and construction sites.

- Compare our price to the $3,000 to $4,000 cost of traditional buildings.
- Frame is manufactured from 17-gauge, 1.315" OD, triple-galvanized structural steel tubing.
- 12.5 oz., 24 mil premium forest green cover comes with a 15 year warranty.
- Custom colors are available at a premium.
- 4'W white skylight.
- One solid and one double-zippered end panel.
- Can be built on any surface.

W G N T COLORS

CLEARSPAN™ ROUND STYLE MINI GARAGES

STK#	SIZE	RAFTER SPACING	DOOR SIZE	EACH
PB01900R4	8'W x 8'H x 12'L	48"	6'W x 6'H	$1,825.00
PB02000R4	10'W x 8'H x 18'L	43"	7'W x 6'H*	2,395.00

*Door is 8'W at bottom and 7'W at top. Zippers are at an angle. Add color code to end of STK# to indicate color choice.

Keep your equipment and vehicles safe from the elements.

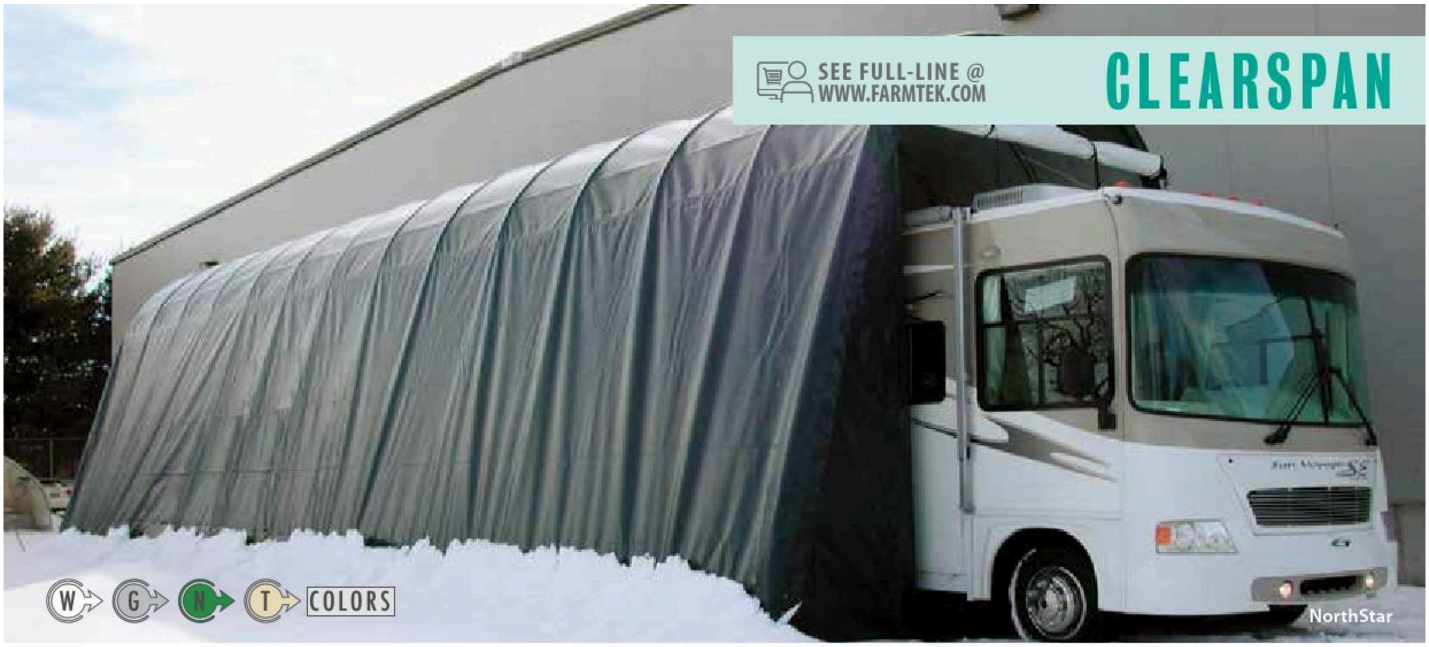
- Frames are constructed from, triple-galvanized structural steel tubing.
- 12.5 oz., 24 mil premium forest green cover comes with a 15 year warranty.
- Custom colors available at a premium.
- Can be built on any surface.
- Ideal for vehicles, equipment, hay storage and more.
- Open ends allow for easy access.
- 8', 10' and 12'W buildings have a 4'W white skylight. 14'W buildings have a 6'W white skylight.

W G N T COLORS

CLEARSPAN™ SOLARGUARD™ FREESTANDING BUILDINGS

STK#	SIZE	PIPE SIZE AND GAUGE	RAFTER SPACING	EACH
PB00550R4	8'W x 8'H x 12'L	1.315"/17 ga	48"	$1,289.00
PB00552R4	10'W x 8'H x 18'L	1.315"/17 ga	43"	1,629.00
PB00554R4	12'W x 8'H x 20'L	1.315"/17 ga	48"	1,939.00
PB00556R4	12'W x 10'H x 24'L	1.315"/17 ga	48"	2,889.00
PB00558R4	14'W x 10'H x 24'L	1.315"/17 ga	48"	3,189.00
PB00560R4	14'W x 10'H x 28'L	1.315"/17 ga	48"	3,625.00
PB00562R4	14'W x 14'H x 24'L	1.66"/14 ga	48"	4,245.00
PB00564R4	14'W x 14'H x 28'L	1.66"/14 ga	48"	5,089.00
PB00566R4	14'W x 14'H x 36'L	1.66"/14 ga	48"	6,589.00

Add color code to end of STK# to indicate color choice.



NorthStar

Protect your RV, trailer, motor home or boat with a NorthStar or Open Garage.

- Frames are manufactured from 14-gauge, 2.375" OD, triple-galvanized structural steel tubing.
- 4' rafter spacing.
- Can be built on any surface.
- Comes complete with Heavy Duty Base Plates that have predrilled fastening holes.

NorthStar

- 12.5 oz., 24 mil premium forest green cover comes with a 15 year warranty.
- Custom colors and additional rafters available at a premium.
- One double-zippered 9'10"W x 12'6"H door with our unique Roll-Up Door Assembly.
- One solid end panel.

Open Garage

- 12.5 oz., 24 mil premium white cover comes with a 15 year warranty.
- Custom colors and additional rafters available at a premium.
- Open ends provide excellent ventilation and wind resistance.

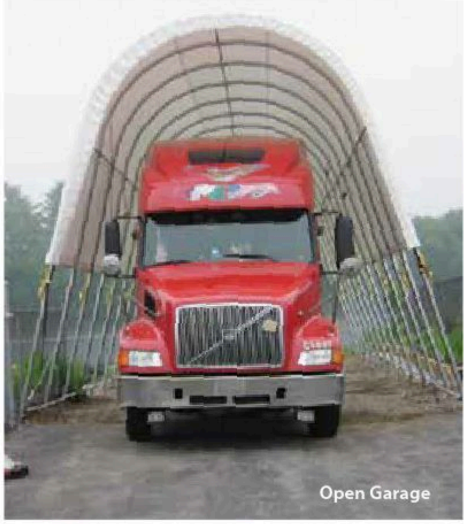
CLEARSPAN™ NORTHSTAR GARAGES

STK#	EACH	SIZE
PB01830R4	$ 6,249.00	18'W x 16'H x 24'L
PB01832R4	7,945.00	18'W x 16'H x 32'L
PB01834R4	8,109.00	18'W x 16'H x 36'L
PB01836R4	8,805.00	18'W x 16'H x 40'L
PB01838R4	9,505.00	18'W x 16'H x 48'L
PB01840R4	10,855.00	18'W x 16'H x 52'L

CLEARSPAN™ OPEN GARAGES

STK#	EACH
PB02900R4	$ 5,649.00
PB02902R4	7,397.00
PB02904R4	8,270.00
PB02906R4	9,150.00
PB02908R4	10,035.00
PB02910R4	10,425.00

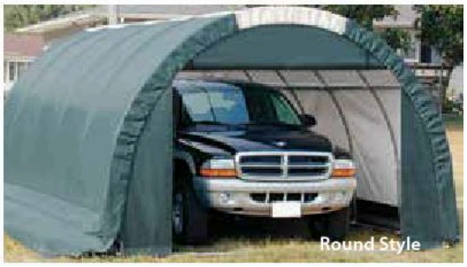
Add color code to end of STK# to indicate color choice.



Open Garage

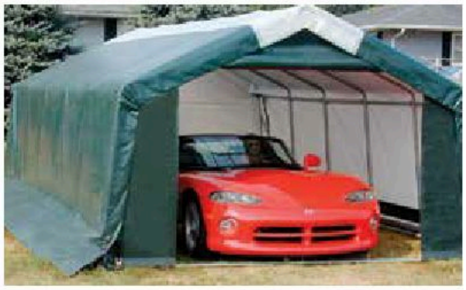
ClearSpan™ storage buildings are the ultimate in permanent or portable storage for all your equipment, cars, trucks or tractors.

- Frame is manufactured from 17-gauge, 1.315" OD, triple-galvanized structural steel tubing.
- 4' rafter spacing.
- 12.5 oz., 24 mil premium forest green cover comes with a 15 year warranty.
- Custom colors are available at a premium.
- 4'W white skylight.
- One solid and one double-zippered end panel.
- Can be built on any surface.



Round Style

W G N T COLORS



CLEARSPAN™ SOLARGUARD™ STORAGE BUILDINGS

STK#	STYLE	SIZE	DOOR SIZE	EACH
PB01000R4	Round	12'W x 8'H x 20'L	8'W x 6'H	$2,215.00
PB01010R4	Round	12'W x 10'H x 24'L	8'W x 8'H	3,179.00
PB01100R4	House	11'4"W x 8'H x 20'L	8'W x 6'H	2,169.00
PB01110R4	House	11'4"W x 10'H x 24'L	8'W x 8'H	2,939.00

Add color code to end of STK# to indicate color choice.

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

W10
G10
N10
T10
COLORS

Host outdoor events under a Heavy Duty WeatherShield Commercial Canopy.

- Quick and easy assembly on any surface.
- EZ-Lock slip fittings mean less building time, more event time.
- Frame is manufactured from 14-gauge, 1.66" OD, triple-galvanized structural steel tubing.
- 12.5 oz., 24 mil premium covers come in your choice of four colors and have a 15 year warranty.
- Sidewall height: 6'6". Optional Side Panels and Gable Ends are available.
- For 18'W and 24'W canopies, we recommend our ground posts (for soil) or our Heavy Duty Base Plates (for concrete). Each sold separately.

Side Panels and Gable Ends

- Available in either 12.5 oz. poly or ClearView 16 mil PVC vinyl with white 22 oz. PVC-coated polyester trim. PVC vinyl is UV, flame and mildew resistant, marine-grade quality, has a cold-crack rating of -20˚F, and will maintain its high clarity and flexibility.
- Gable Ends available with 4'W x 7'H zippered doors.
- Our 8" Snugger Tie-Downs are included for quick and easy fastening and securing.

ORDERING: WEATHERSHIELD COMMERCIAL CANOPIES

STK# + CC (Commercial Canopy) + W10 (Color) **Example:** 1020CCW10. This is for a 10'W x 20'L commercial canopy with a white, 12.5 oz. cover. **Use following code for desired color:** W10 = White, N10 = Green, T10 = Tan, G10 = Grey (Silver)

WEATHERSHIELD COMMERCIAL CANOPIES

STK#	SIZE	RIDGE HEIGHT	EACH
1010CC	10'W x 10'L	9'6"	$ 939.00
1020CC	10'W x 20'L	9'6"	1,409.00
1030CC	10'W x 30'L	9'6"	1,879.00
1420CC	14'W x 20'L	10'6"	1,555.00
1430CC	14'W x 30'L	10'6"	1,885.00
1440CC	14'W x 40'L	10'6"	2,415.00
1820CC	18'W x 20'L	11'6"	1,779.00
1830CC	18'W x 30'L	11'6"	2,295.00
1840CC	18'W x 40'L	11'6"	2,799.00
1850CC	18'W x 50'L	11'6"	3,295.00
1860CC	18'W x 60'L	11'6"	4,039.00
2420CC	24'W x 20'L	13'	1,995.00
2430CC	24'W x 30'L	13'	2,799.00
2440CC	24'W x 40'L	13'	3,205.00
2450CC	24'W x 50'L	13'	3,885.00
2460CC	24'W x 60'L	13'	4,785.00

COMMERCIAL CANOPY SIDE PANELS

STK#	ITEM	EACH
10SPCC*	10'L 12.5 oz. Poly	$119.00
105201	10'L ClearView PVC	299.00
20SPCC*	20'L 12.5 oz. Poly	189.00
105202	20'L ClearView PVC	379.00
30SPCC*	30'L 12.5 oz. Poly	255.00
105203	30'L ClearView PVC	459.00
40SPCC*	40'L 12.5 oz. Poly	325.00
105204	40'L ClearView PVC	539.00
50SPCC*	50'L 12.5 oz. Poly	375.00
105205	50'L ClearView PVC	579.00
60SPCC*	60'L 12.5 oz. Poly	415.00
105206	60'L ClearView PVC	639.00

*Add color code to the end of the STK#.

COMMERCIAL CANOPY GABLE ENDS

STK#	ITEM	EACH	W/DOOR†
10GECC*	10'W 12.5oz. Poly	$179.00	$359.00
105335	10'W ClearView PVC	379.00	549.00
14GECC*	14'W 12.5 oz. Poly	229.00	389.00
105198	14'W ClearView PVC	399.00	559.00
18GECC*	18'W 12.5 oz. Poly	275.00	405.00
105199	18'W ClearView PVC	429.00	589.00
24GECC*	24'W 12.5 oz. Poly	339.00	465.00
105200	24'W ClearView PVC	479.00	639.00

*Add color code to the end of the STK#.

†Add Z to the end of the ClearView STK# or Poly Color Code for Gable End with zippered door.

⚠ **WARNING:** Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Made to fit your greenhouse frame for conversion or to replace any manufacturer's original equipment.

- Make your greenhouse or poly building look like new.
- Available in a variety of fabric weights and colors.
- Strong, UV-resistant, rip-stop polyethylene covers are durable and will last for years.
- We can custom fabricate a cover for virtually any size building or greenhouse.
- Custom covers include pockets, ratchets and ratchet straps for fastening to frame.
- ClearSpan™ Custom Poly End Panels, sold separately, include proper size fabric clips where applicable.
- Add a zippered door to any custom cover. Zippers are available in #10 standard duty and #15 Heavy Duty, industrial strength.

W C SW COLORS

7.5 oz., 16 mil Custom Covers

- Available in Clear, White or Silver/White.
- 12 x 12 tapes per in.

W N C COLORS

10 oz., 22 mil Custom Covers

- Available in White, Green or Clear.
- 14 x 14 tapes per in.

W G N T COLORS

12.5 oz., 24 mil Custom Covers

- Available in four color choices and has a 15 year life expectancy.
- 12.5 oz. flame retardant (107361) is available in White only and has a 10 year life expectancy.

W T COLORS

22 oz. Custom Covers and End Panels

- Available in White or Tan. PVC-coated 22 x 20 1,000 denier woven vinyl.
- Flame-resistant covers and end panels have a temperature range of -22°F to 158°F and a 15 year life expectancy.

CLEARSPAN™ CUSTOM COVERS

			PRICE PER SQ. FT.	
STK#	ITEM	EACH	721'-3,600'	3,601'&UP
105703*	7.5 oz. Poly	$0.92	$0.88	$0.84
105702*	10 oz. Poly	1.02	0.98	0.94
103541*	12.5 oz. Poly	1.59	1.55	1.49
107361†	12.5 oz. White Poly, FR	3.05	2.95	2.85
107358*	22 oz. Vinyl	3.55	3.45	3.29

*Add appropriate letter to the end of the STK# to indicate your color choice. †Flame-retardant fabric. Panels under 300 sq. ft. incur a small-panel charge of $28.95 (STK# CC3046).

CLEARSPAN™ CUSTOM END PANELS

STK#	ITEM	PER SQ. FT.
105705*	7.5 oz. Poly End Panel	$1.29
105704*	10 oz. Poly End Panel	1.39
103540*	12.5 oz. Poly End Panel	2.29
107362†	12.5 oz. White Poly, FR End Panel	3.69
107360*	22 oz. Vinyl End Panel	4.29

*Add appropriate letter to the end of the STK# to indicate your color choice.†Flame-retardant fabric. Panels under 300 sq. ft. incur a small-panel charge of $28.95 (STK# CC3046).

An attractive, economical solution to your temporary or permanent needs.

- These canopies can be assembled or taken down quickly and can be transported anywhere.
- Constructed from 17-gauge, 1.315" OD, triple-galvanized structural steel tubing.
- Portable Canopy Covers are available in White or Green 10 oz., 22 mil rip-stop polypropylene.
- Our economically priced Grab Bag Canopy Covers come in random weights (7.5 oz. to 12.5 oz.) and colors. Please remember, color choice is left to us, based upon current availability.
- Sidewall height: 5'8". Rafter spacing: 10'.
- Optional side panels and gable ends are available in either 10 oz., 22 mil premium White or Green poly or 16 mil Clear View PVC vinyl, with White, 22 oz. PVC-coated polyester trim. ClearView Ends and Panels are UV, flame and mildew resistant. Our 8" Snugger Tie-Downs are included for quick and easy fastening and securing.
- Gable ends are available with a 4'W zippered door. 8'W Gable End has a 6'H door. 10'W, 14'W and 18'W Gable Ends each have a 7'H door.

WEATHERSHIELD GRAB BAG CANOPIES

STK#	SIZE	RIDGE HEIGHT	EACH
104384	10'W x 10'L	9'	$489.00
104385	10'W x 20'L	9'	589.00

W10
N10
COLORS

WEATHERSHIELD PORTABLE CANOPIES

STK#	SIZE	RIDGE HEIGHT	EACH
810PC*	8'W x 10'L	8'	$ 455.00
820PC*	8'W x 20'L	8'	589.00
1010PC*	10'W x 10'L	9'	515.00
1020PC*	10'W x 20'L	9'	639.00
1420PC*	14'W x 20'L	10'	705.00
1430PC*	14'W x 30'L	10'	999.00
1440PC*	14'W x 40'L	10'	1,215.00
1820PC*	18'W x 20'L	11'	905.00
1830PC*	18'W x 30'L	11'	1,089.00
1840PC*	18'W x 40'L	11'	1,245.00

*Add color code to the end of the STK# for desired color choice.

PORTABLE CANOPY SIDE PANELS

STK#	LENGTH	ITEM	EACH
10SP*	10'	10 oz. Poly	$109.00
105670	10'	ClearView PVC	229.00
20SP*	20'	10 oz. Poly	159.00
105671	20'	ClearView PVC	329.00
30SP*	30'	10 oz. Poly	209.00
105672	30'	ClearView PVC	429.00
40SP*	40'	10 oz. Poly	259.00
105673	40'	ClearView PVC	529.00

*Add color code to the end of the STK# for desired color choice.

PORTABLE CANOPY GABLE ENDS

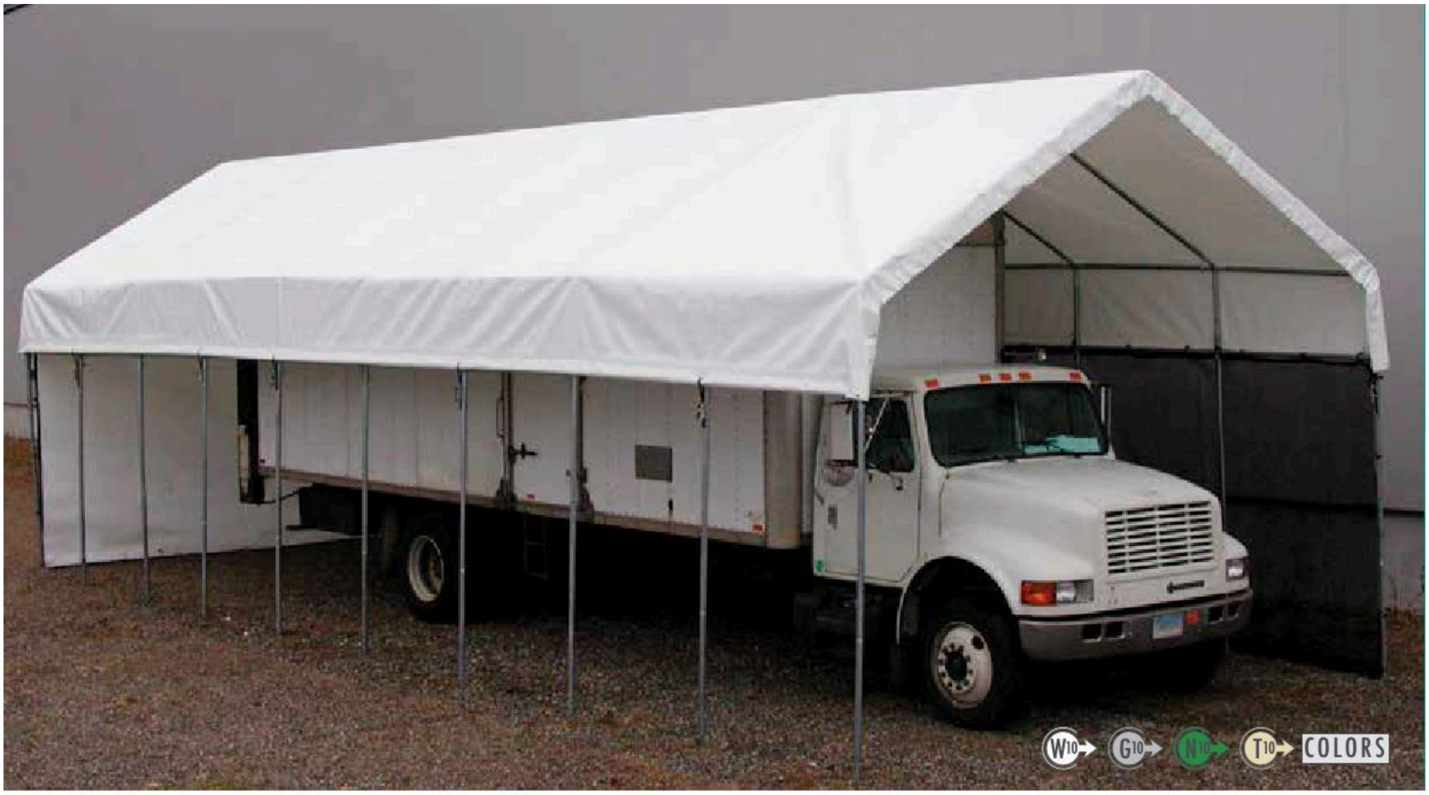
STK#	WIDTH	ITEM	EACH	W/DOOR†
8GEPC*	8'	10 oz. Poly	$139.00	$309.00
105666	8'	ClearView PVC	269.00	439.00
10GEPC*	10'	10 oz. Poly	159.00	319.00
105667	10'	ClearView PVC	305.00	465.00
14GEPC*	14'	10 oz. Poly	189.00	339.00
105668	14'	ClearView PVC	415.00	565.00
18GEPC*	18'	10 oz. Poly	279.00	419.00
105669	18'	ClearView PVC	445.00	595.00

†Add Z to end of the STK# for Gable End with zippered door.

REPLACEMENT COVERS

		PREMIUM 10 OZ. POLY
STK#	SIZE	EACH
810RC	8'W x 10'L	$154.00
820RC	8'W x 20'L	225.00
1010RC	10'W x 10'L	189.00
1020RC	10'W x 20'L	225.00
1420RC	14'W x 20'L	295.00
1430RC	14'W x 30'L	379.00
1440RC	14'W x 40'L	505.00
1820RC	18'W x 20'L	309.00
1830RC	18'W x 30'L	462.00
1840RC	18'W x 40'L	629.00

*Add color code to the end of the STK# for desired color choice.



WeatherShield Daddy Long Legs Canopy provides ideal protection for your boat, RV, trailer or motor home.

- Heavy Duty 14-gauge, 1.66" OD, triple-galvanized structural steel frame.
- Rafter spacing: 5'. Sidewall height: 10'.
- Optional side panels and gable ends are available in 12.5 oz., 24 mil premium poly, black knitted 70% shade or 16 mil, double-polished ClearView PVC vinyl with white, 22 oz. PVC-coated polyester trim.
- Quick and easy installation makes relocating your canopy problem free.
- 12.5 oz., 24 mil premium white cover comes with a 15 year warranty.
- Custom colors are available at a premium.
- Ask your knowledgeable National Account Manager about the anchoring system that best suits your needs.

Gable Ends and Side Panels for Daddy Long Legs Canopies.

- Optional gable ends and side panels are available in 12.5 oz., 24 mil premium white poly, black knitted 70% shade material that offers superior UV protection and ideal ventilation in the warm weather, and ClearView 16 mil, double-polished, clear vinyl, with white, 22 oz. PVC-coated polyester trim, that is UV, flame and mildew resistant.
- Includes our 8" Snugger Tie-Downs for quick and easy fastening and securing.
- Custom colors are available in the 12.5 oz. poly panels at a premium.

DADDY LONG LEGS CANOPIES

STK#	SIZE	RIDGE HEIGHT	EACH
1220RV10W10	12'W x 20'L	13'6"	$1,615.00
1230RV10W10	12'W x 30'L	13'6"	2,295.00
1240RV10W10	12'W x 40'L	13'6"	2,985.00
1250RV10W10	12'W x 50'L	13'6"	3,645.00
1260RV10W10	12'W x 60'L	13'6"	4,305.00
1270RV10W10	12'W x 70'L	13'6"	4,959.00
1420RV10W10	14'W x 20'L	14'	2,099.00
1430RV10W10	14'W x 30'L	14'	2,709.00
1440RV10W10	14'W x 40'L	14'	3,275.00
1450RV10W10	14'W x 50'L	14'	3,795.00
1460RV10W10	14'W x 60'L	14'	4,829.00
1470RV10W10	14'W x 70'L	14'	5,559.00
1620RV10W10	16'W x 20'L	14'6"	2,409.00
1630RV10W10	16'W x 30'L	14'6"	3,075.00
1640RV10W10	16'W x 40'L	14'6"	3,439.00
1650RV10W10	16'W x 50'L	14'6"	4,125.00
1660RV10W10	16'W x 60'L	14'6"	4,865.00
1670RV10W10	16'W x 70'L	14'6"	5,589.00

Shown with ClearView Gable End Panel.

DADDY LONG LEGS GABLE END PANELS

STK#	WIDTH	BLACK KNITTED 70% SHADE	WHITE 12.5 OZ. POLY	CLEARVIEW
12RV10GE*	12'	$189.00	$249.00	$375.00
14RV10GE*	14'	205.00	285.00	429.00
16RV10GE*	16'	279.00	319.00	455.00

*Add color code to the end of the STK# for desired color choice.

DADDY LONG LEGS SIDE PANELS

STK#	WIDTH	BLACK KNITTED 70% SHADE	WHITE 12.5 OZ. POLY	CLEARVIEW
20RVSP*	20'	$139.00	$225.00	$415.00
30RVSP*	30'	189.00	279.00	495.00
40RVSP*	40'	205.00	335.00	575.00
50RVSP*	50'	239.00	385.00	615.00
60RVSP*	60'	285.00	425.00	675.00
70RVSP*	70'	329.00	475.00	739.00

*Add color code to the end of the STK# for desired color choice.

ORDERING: DADDY LONG LEGS ACCESSORIES

Please note color chart above. For Black Knitted Shade, use 70 as color choice. For ClearView, please use CV as color choice.

⚠ **WARNING:** Cancer and Reproductive Toxicity - P65Warnings.ca.gov

ClearSpan™ Event Tents create the ideal event space, combining quick and easy assembly with the ability to be built on almost any terrain.

- ClearSpan™ Event Tents offer spacious layouts with no internal support posts that let you utilize every inch of your structure.
- Modular-combination design allows tent lengths to be adjusted in 10' increments, making them suitable for events of nearly any size.
- These tents can be semi-permanent or temporary and are frequently used for exhibition halls, social event receptions, product promotions, sporting events, temporary warehouses and more.
- Structures can be assembled, installed and dismantled in no time at all, without the need for heavy equipment.
- Framework is manufactured with four-channel extruded and anodized aluminum to provide ultimate dependability.
- Flame retardant covers are constructed from durable, 25 oz. double PVC-coated polyester.
- Sidewalls are sold separately below and are available in Solid (117720), Clear (117721) or Cathedral (117722) style. Sidewalls are 8.5'L x 10'W.
- Sidewalls attach to tracks on the tent posts using clips and allow you to open or close your event space with ease.
- Anchors sold separately below.

CLEARSPAN EVENT TENTS

STK#	SIZE	EACH
117716	39'L x 20'W	$ 7,085.00
117717	49'L x 30'W	13,435.00
117718	98'L x 39'W	31,645.00

CLEARSPAN EVENT TENT SIDEWALLS

STK#	ITEM	EACH
117720	PVC Solid Sidewalls	$269.00
117721	PVC Clear Sidewalls	325.00
117722	PVC Cathedral Sidewalls	405.00

CLEARSPAN EVENT TENT ANCHORS

STK#	ITEM	EACH
117723	Drop-In Anchor	$35.95
117719	Double Headed Stake	32.95

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

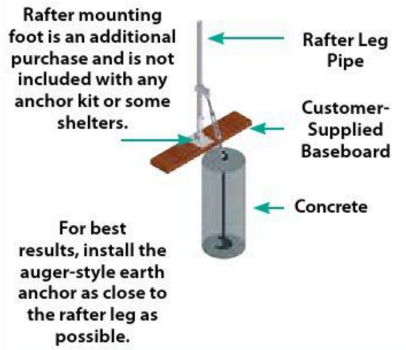
Provides secure anchoring and stability.

- Three sizes now available for a full range of holding requirements.
- The high-quality, durable components in these assembly kits ensure extreme holding power and long life.
- Compatible with all our ClearSpan™ building pipe.
- Dependable and easy to install.
- Cross connector sold separately.

GROUND ANCHOR ASSEMBLIES

STK#	SIZE	RECOMMENDED FOR BUILDING SIZE	EACH
105587	1/2" x 30"L x 4"	Small up to 34'W	$31.89
106656	5/8" x 48"L x 6"	Medium between 38'W-42'W	33.95
106657	3/4" x 60"L x 7"	Truss Arch Structures	46.95

GROUND ANCHOR ASSEMBLY


Rafter mounting foot is an additional purchase and is not included with any anchor kit or some shelters.
Rafter Leg Pipe
Customer-Supplied Baseboard
Concrete
For best results, install the auger-style earth anchor as close to the rafter leg as possible.

Safely secures to any wood or concrete surface.

- Heavy Duty Base Plates can be used on all surfaces.
- 4" x 5-1/2" feet have four predrilled fastening holes.
- Each can accommodate two pipe sizes.

104301

104302

HEAVY DUTY BASE PLATES

STK#	ITEM	EACH
104301	For 1.315"/1.66" OD Pipe	$37.85
104302	For 1.90"/2.375" OD Pipe	39.19

Ground Posts and Drivers

- Use our Post Drivers to safely and properly secure your ground posts.

Post Driver

Ground Post

POST DRIVERS

STK#	ITEM	EACH
QH1072	For 1.66" OD Post	$21.59
QH1073	For 1.90" OD Post	15.59
106731	For 2.90" OD Post	88.95

3' GROUND POSTS

STK#	ITEM	EACH
102676P	1.66" OD for 1.315" OD Pipe inserted and 1.90" OD Pipe fitted over	$20.95
102675P	1.90" OD for 1.66" OD Pipe	22.05
106728	2.90" OD for 2.375" OD Pipe	33.95

Anchoring System

- Includes one 3' stake and 1" x 10' ratchet strapping.
- Drive the stake into the ground. Attach to your tent with the ratchet strapping.

TENT AND CANOPY ANCHORING SYSTEM

STK#	EACH
103937	$61.95

Improve airflow and reduce condensation.

- Perfect for use in our ClearSpan™ structures or any large building, such as manufacturing facilities or warehouses, where improved ventilation is needed.
- Durable vents are all-steel construction, with white, pre-painted finish.
- 1/2" screen to keep out birds, installed between the flange and frame.
- 1-1/2" nailing flange for easy installation.
- Louver blades provide full overlap.

Wall Louver Fabric Kits

- This kit provides a closed-cell foam seal on the top and sides of the louvers to prevent moisture. The bottom of the kit has a moisture wicking seal to remove unwanted build up.
- Comes with Tek screws that have neo-bonded washers to ensure no water can penetrate around the screws.

116175
Front

116175
Back

116042
With Fabric Kit

116042
With Fabric Kit

WALL LOUVERS

STK#	SIZE	EACH	WITH FABRIC KIT
116175	24"W x 30"H	$130.95	$170.95
116043	36"W x 36"H	269.95	315.95
116042	48"W x 48"H	325.95	369.95

Add FK to the end of your STK# to order with Fabric Kit

Upgrade your ClearSpan™ Building and improve ventilation.

- Durable injection-molded vents with high UV protection and weather-resistant resins.
- Predrilled holes for easy installation.
- Available in white only.
- Perfect for your ClearSpan™ building, equipment shed, workshop or any building where you need to improve ventilation.

103551

CLEARSPAN™ GABLE VENTS

STK#	SIZE	EACH
103551	8" x 8"	$28.25
103552	12" x 12"	34.45
103553	12" x 18"	43.95

Build a secure precast concrete block foundation for your ClearSpan™ structure with our Concrete Block Straps.

- Durable 3/16" thick straps are manufactured from hot-dip galvanized steel.
- Dimensions: 6"W x 18"L.
- Angle Strap is bent to 90°.
- Each strap requires two 1/2" x 4-1/4" Wedge Anchors (FAW520), sold separately.

CONCRETE BLOCK STRAPS

STK#	TYPE	EACH
112071HG	Flat	$16.99
112072HG	Angle	16.99

1/2" X 4-1/4" ZINC-PLATED STEEL WEDGE ANCHOR

STK#	EACH	100 & UP
FAW520	$1.65	$1.58

112071HG

Pipe Banding Clamps

PIPE BANDING CLAMPS

STK#	FITS PIPE OD	CONNECTION BRACKET LENGTH	EACH
QH1400	1.315"	1.0"	$2.35
QH1402	1.66"	1.0"	2.65
QH1404	1.90"	1.0"	3.55
QH1406	2.375"	0.950"	3.59
103856*	2.375"	1.750"	4.45
106453	3.50"	1.8125"	6.15

*Heavy Duty.

An easy way to attach studs to greenhouse gable ends.

- Easily adjusts to any angle.

ADJUSTABLE GABLE FRAME BRACKET

STK#	EACH	50 & UP
QH1330	$5.89	$5.65

Heavy Duty Pipe Strap

HEAVY DUTY PIPE STRAP

STK#	EACH	100 & UP
QH1070	$0.71	$0.68

Air, vapor and watertight seal.

- Composed of tough, multipolymer alloy film with synthetic elastomeric adhesive.
- Resistant to UV rays, thermal expansion, bacteria, impact and abrasion.
- Thickness: 40 mil.
- Roll size: 4" x 33'6".

WHITE PREMIUM SEAMING AND FABRIC REPAIR TAPE

STK#	EACH
109023	$36.95

Wedge Anchors make fastening to concrete fast and easy.

- The one-piece expander ring is formed around the anchor, assuring full expansion for dependable holding strength.
- Expander ring cannot fall off or twist in the hole.
- Hole diameter is same as wedge anchor.
- Hole depth is not critical—over drill (hole clean-out not required).

303 STAINLESS STEEL WEDGE ANCHORS

STK#	SIZE	EACH	100 & UP
FAW101	1/4" x 2-1/4"	$ 1.27	$ 1.22
FAW102	1/4" x 3"	1.89	1.81
FAW103	3/8" x 2-1/4"	1.95	1.89
FAW104	3/8" x 2-3/4"	2.29	–
FAW105	3/8" x 3"	2.82	2.75
FAW107	3/8" x 3-3/4"	3.22	–
FAW108	3/8" x 5"	3.89	3.75
FAW109	1/2" x 2-3/4"	2.49	–
FAW110	1/2" x 3-3/4"	3.36	3.25
FAW111	1/2" x 4-1/4"	4.85	–
FAW112	1/2" x 5-1/2"	6.05	5.85
FAW113	1/2" x 7"	4.99	4.79
FAW115	5/8" x 4-1/2"	11.59	10.59

ZINC-PLATED STEEL WEDGE ANCHORS

STK#	SIZE	EACH	100 & UP
FAW455	3/8" x 2-3/4"	$0.71	–
FAW460	3/8" x 3"	0.54	–
FAW465	3/8" x 3-3/4"	1.25	$1.19
FAW470	3/8" x 5"	1.51	1.45
FAW510	1/2" x 2-3/4"	0.89	0.85
FAW515	1/2" x 3-3/4"	1.55	1.49
FAW520	1/2" x 4-1/4"	1.65	1.58
FAW525	1/2" x 5-1/2"	1.30	1.25
FAW530	1/2" x 7"	2.76	2.65
FAW555	5/8" x 4-1/2"	3.05	2.95
FAW565	5/8" x 7"	1.79	–
FAW605	3/4" x 5-1/2"	4.29	4.15

GALVANIZED STEEL WEDGE ANCHOR

STK#	SIZE	EACH
107599	1" x 6"	$2.39

Cross Connectors save time, money and make greenhouses stronger.

Our unique aluminum cross connecting system can be used for:

- Purlin to rafter connections.
- Trellis system for grapes and other vines.
- Shade and wind barrier frames.

105108

102855

CROSS CONNECTORS FOR FIRST AND LAST PIPE RAFTERS

STK#	FITS PIPE OD	EACH	200 & UP
102855	1.315" x 1.315"	$3.45	$3.35
102856	1.660" x 1.315"	3.89	3.75
102857	1.900" x 1.315"	3.99	3.85

CROSS CONNECTORS FOR INTERIOR PIPE RAFTERS

STK#	FITS PIPE OD	EACH	200 & UP
105108	1.05" x 1.05"	$3.45	$3.35
102479	1.315" x 1.315"	3.66	3.51
102548	1.660" x 1.315"	2.39	2.29
102547	1.900" x 1.315"	4.19	4.05
102546	2.375" x 1.315"	4.95	4.75

ClearSpan™ Floor Covering completes your building installation.

- Durable 16 mil silver/white rip-stop polyethylene with high UV protection.
- Reduces condensation inside your building by acting as a vapor barrier.
- Keep your valuable equipment and supplies off the ground and protected.
- Secure with our floor strips and 11-gauge steel wire fabric security staples, 6"L with 1"W crown.

CLEARSPAN™ FLOOR COVERING

STK#	ITEM	EACH
103543*	12'W Floor Covering	$ 3.55
111525	Fabric Staple (Box of 1,000)	69.95
CC2140**	PolyMax® Floor Strips	9.25

*Sold by the linear ft. **1/2" x 2" x 8' strip.

Sold by the linear ft.

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

Shown with Double Zippered Door

Shown with Steel Roll-Up Door

Provide a nourishing environment with a Moo-Tel™ Calf Nursery.

- Choose your ideal Moo-Tel™ Calf Nursery. Available with or without ends.
- White 12.5 oz., 24 mil premium cover comes with a 15 year warranty.
- Constructed from 14-gauge, triple-galvanized structural steel tubing with our EZ-Lock slip fittings, making construction quick and easy.
- Rafter spacing: 4' on 18'W models, 3' on 26'W models. Sidewall height: 6'5".
- Ridge height: 11' 10" on 18'W models, 13' 8" on 26'W models.
- Units equipped with ends come with one 8' x 8' double-zippered door and one 8' x 8' commercial-grade steel roll-up door. End frame utilizes 16-gauge, 1.5" square tubing.
- 5'H roll-up sides come with our Exclusive Roll-Up Assembly and all necessary hardware.
- Ground posts are included.
- Baseboards are recommended. Our Recycled Plastic Lumber, sold separately, is ideal.

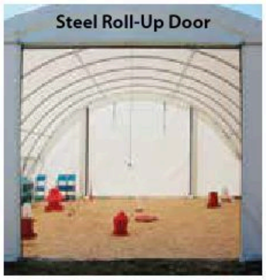
MOO-TEL™ CALF NURSERY WITH OPEN ENDS

STK#	SIZE	PIPE DIMENSION	EACH
PB02700R4W	18'W x 20'L	1.66"	$2,859.00
PB02702R4W	18'W x 24'L	1.66"	3,389.00
PB02704R4W	18'W x 28'L	1.66"	4,009.00
PB02706R4W	18'W x 36'L	1.66"	5,135.00
PB02708R4W	18'W x 40'L	1.66"	5,529.00
PB02720R3W	26'W x 24'L	1.90"	4,649.00
PB02724R3W	26'W x 30'L	1.90"	5,819.00
PB02726R3W	26'W x 36'L	1.90"	6,789.00
PB02727R3W	26'W x 42'L	1.90"	7,809.00
PB02729R3W	26'W x 48'L	1.90"	8,309.00

MOO-TEL™ CALF NURSERY WITH DOORS

STK#	SIZE	PIPE DIMENSION	EACH
PB02710R4W	18'W x 20'L	1.66"	$ 6,215.00
PB02712R4W	18'W x 24'L	1.66"	6,555.00
PB02714R4W	18'W x 28'L	1.66"	6,905.00
PB02716R4W	18'W x 36'L	1.66"	7,619.00
PB02718R4W	18'W x 40'L	1.66"	8,109.00
PB02730R3W	26'W x 24'L	1.90"	8,159.00
PB02732R3W	26'W x 30'L	1.90"	8,765.00
PB02736R3W	26'W x 36'L	1.90"	9,725.00
PB02739R3W	26'W x 42'L	1.90"	10,745.00
PB02740R3W	26'W x 48'L	1.90"	11,249.00

EZ Roll-Up Sides


Steel Roll-Up Door

Three Chick-Inn Hutch sizes suit the needs of your growing flock.

- Safe, free-range environment for chickens, quail or pheasants.
- 26-gauge, 10'W x 9'H steel roll-up door with pull rope.
- Attractive, functional 36"W x 80"H entry door has rustproof stainless steel hinges and latch.
- Our exclusive "Twist-of-the-Wrist" roll-up side curtains ensure healthy ventilation.
- White, 12.5 oz., 24 mil premium rip-stop polyethylene cover comes with a 15 year warranty.
- Double-zippered rear panel door.
- 4' rafter spacing.
- 14-gauge, 1.90" OD, triple-galvanized structural steel tubing.
- Wire mesh sold separately.

CLEARSPAN™ COLOSSAL CHICK-INN HUTCH

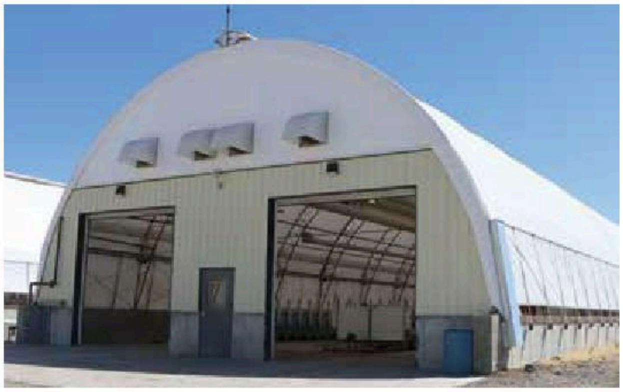
STK#	SIZE	CAPACITY*	EACH
103739	26'W x 12'H x 24'L	400 Birds	$ 7,459.00
103740	26'W x 12'H x 36'L	600 Birds	10,069.00
103741	26'W x 12'H x 48'L	800 Birds	12,595.00

*Based on 1.5 sq. ft. per bird.

⚠ **WARNING:** Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Raise cows, goats, llamas, horses, sheep, hogs, chickens and ostriches. Store feed, tractors and equipment.

- Super Moo-Tel™ has two Heavy Duty, steel roll-up doors (one at each end) and two end frame kits for greater durability and longer life.
- Doors are 26-gauge galvanized, white corrugated steel with a siliconized polyester finish.
- Doors on 26'W units are 10'W x 9'H with a pull rope.
- Doors on 38'W units are 12'W x 12'H with a chain hoist.
- Doors on 42'W units are 14'W x 14'H with a chain hoist.
- End Frame Kits utilize 16-gauge, 1.5" square, triple-galvanized structural steel tubing, with 2" square around doors.
- Roof frame is manufactured from 14-gauge, triple-galvanized structural steel tubing. 26'W uses 1.90" OD. 38'W and 42'W use 3.50" OD.
- 26'W and 42'W units have 4' rafter spacing. 38'W units have 5' rafter spacing.
- Cover and curtain are manufactured from 12.5 oz., 24 mil premium white rip-stop fabric that comes with a 15 year warranty.
- Sides have 5' curtains that roll up with our exclusive "Twist-of-the-Wrist" Assembly.
- Ends are available in prefabricated knitted 70% shade cloth to provide 4-sided ventilation, or in 12.5 oz. white premium fabric for added protection from the elements. You choose the ends that are right for your application.
- When placing your order, please add W to the end of the STK# to choose 12.5 oz. white poly ends instead of knitted 70% shade.
- Warranties: Cover-15 years, Door Paint-25 year no fade/40 year film integrity, Door Materials-1 year.
- 38'W and 42'W come with Heavy Duty Base Plates that have predrilled fastening holes.



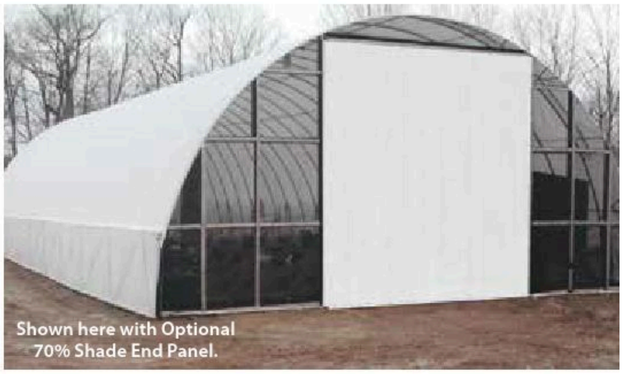
SUPER MOO-TEL™

STK#	SIZE	MAX. CALF CAPACITY	EACH
PB01500R4W	26'W x 12-1/2'H x 40'L	20*	$10,195.00
PB01510R4W	26'W x 12-1/2'H x 100'L	50*	19,605.00
PB01520R4W	26'W x 12-1/2'H x 200'L	100*	33,519.00
PB00290R5W	38'W x 15'H x 40'L	30**	22,295.00
PB00292R5W	38'W x 15'H x 60'L	45**	27,745.00
PB00294R5W	38'W x 15'H x 80'L	60**	31,475.00
PB00296R5W	38'W x 15'H x 100'L	75**	37,435.00
PB01630R4W	42'W x 17'3"H x 48'L	48**	31,205.00
PB01632R4W	42'W x 17'3"H x 60'L	60**	34,155.00
PB01634R4W	42'W x 17'3"H x 72'L	72**	38,975.00
PB01636R4W	42'W x 17'3"H x 96'L	96**	46,195.00

Add W to the end of the STK# to indicate 12.5 oz. white poly ends (ex. PB01500R4WW).
*Based on 4' x 8' pens. **Based on 4' x 6' pens.

Let an Economy Moo-Tel™ provide a healthy and nourishing environment for livestock, sheep, hogs or chickens.

- Frame is manufactured from high-quality, heavy-duty 14-gauge, triple-galvanized structural steel tubing.
- Cover is constructed from our Sun Master® 6 mil 4 year white film that has tri-layer construction and offers durability and long life. UV protected, with an anti-static additive that repels dust and dirt, this white film cover is 55% opaque and will help keep out some of the hot summer sun.
- Includes our exclusive "Twist-of-the-Wrist" Roll-Up Assembly, complete with all necessary hardware for installation.
- Open ends allow easy access for animals, tractors and other equipment and machinery.
- 4' rafter spacing.
- Optional end panels are available in either SunBlocker™ Black Knitted 70% Shade or 10 oz., 22 mil white polyethylene, with or without doors.
- Rafter Kits offer additional strength and durability to your Moo-Tel™, particularly in heavy snow areas. Rafter Kits, End Panels, Purlins and cross connectors are avaialble and sold separately.
- Ground posts are included.



Shown here with Optional 70% Shade End Panel.

ECONOMY MOO-TEL™

STK#	SIZE	PIPE DIMENSION	PURLINS	EACH
107404	20'W x 12'H x 24'L	1.66"	3	$2,799.00
107405	20'W x 12'H x 36'L	1.66"	3	3,839.00
107406	20'W x 12'H x 48'L	1.66"	3	4,649.00
107407	26'W x 12'H x 36'L	1.90"	4	4,385.00
107408	26'W x 12'H x 48'L	1.90"	4	5,559.00
107409	26'W x 12'H x 72'L	1.90"	4	7,629.00
107410	26'W x 12'H x 96'L	1.90"	4	9,479.00
107411	30'W x 12'H x 36'L	1.90"	4	4,799.00
107412	30'W x 12'H x 48'L	1.90"	4	5,879.00
107413	30'W x 12'H x 72'L	1.90"	4	7,959.00
107414	30'W x 12'H x 96'L	1.90"	4	9,769.00

ClearSpan™ HD Beef Master™ Systems offer a controlled, comfortable environment for protecting your animals.

- The HD Beef Master™ Systems allow you to control your cattles environment. It keeps them safe and out of the elements, leading to fewer injuries, higher gains and maximum profit.
- Our exclusive feed shield allows for more open space within the structure.
- The feed shield is a 4' exterior overhang on Beef Master™ Systems. The feed shield improves feed efficiencies, relieves stress and enables a controlled feeding environment while saving money on reducing wasted feed.
- Overhang keeps feed dry and out of both snow and rain, eliminating the need for scraping the wet, spoiled feed out of the bunk. This saves you both time and labor.
- Our HD Beef Master™ frames are more durable than ever. They feature our truss arches that are manufactured from triple-galvanized structural steel, which is resistant to corrosive environments and long lasting.
- 12.5 oz., 24 mil white premium.
- Industry-leading 20 year warranty on cover and 50 year warranty on frame.
- Covered ridge vents provide maximum air ventilation and facilitate air movement by allowing moisture accumulation to escape. This optimal air exchange reduces risks to animal health.
- Build your feed bunks using pre-cast concrete or wood. Purchase materials for feed bunks, posts and framing locally.
- Heavy Duty Base Plates are included.
- Truss spacing: 20' on center. Sidewall height: 10'. HD Beef Master Systems that are 35'W have a peak height of 26'10-3/4", 45'W have a peak height of 27'11-1/16", 54'W have a peak height of 29'6-7/16" and 65'W have a peak height of 35'4-1/16".
- We recommend approximately 40 sq. ft. per head.
- The structure comes open ended, but can be outfitted with custom end walls.
- ClearSpan's Curtain Package is an ideal option for customers looking to partially close in the open wall.

ClearSpan™ HD Beef Master™ Systems Curtain Package

- Curtains are approximately 5'6" in height, leaving 5' open at the bottom.
- Each package includes a 12.5 oz. white curtain, 40:1 manual gear box, center height-driven curtain and anti-billowing for the exterior, including curtain drive doors and tail doors.
- Longer curtains come with more than one gear box to ensure smooth and effective operation.

ClearSpan™ HD Beef Master™ Systems End Wall Package

- Fabric end walls are 12.5 oz., 24 mil white premium fabric.
- End walls are designed to hold an optional 14' x 14', which is sold separately.

Covered Ridge Vent Included

CLEARSPAN™ HD BEEF MASTER™ SYSTEMS

STK#	SIZE	EACH
BM2HD35100W	35'W x 100'L	$ 43,755.00
BM2HD35140W	35'W x 140'L	57,075.00
BM2HD35180W	35'W x 180'L	74,685.00
BM2HD35220W	35'W x 220'L	89,555.00
BM2HD35240W	35'W x 240'L	97,939.00
BM2HD45100W	45'W x 100'L	46,080.00
BM2HD45140W	45'W x 140'L	59,175.00
BM2HD45180W	45'W x 180'L	75,210.00
BM2HD45220W	45'W x 220'L	93,535.00
BM2HD45240W	45'W x 240'L	102,040.00
BM2HD54100W	54'W x 100'L	48,505.00
BM2HD54140W	54'W x 140'L	67,905.00
BM2HD54180W	54'W x 180'L	78,830.00
BM2HD54220W	54'W x 220'L	96,345.00
BM2HD54240W	54'W x 240'L	105,108.00
BM2HD65100W	65'W x 100'L	50,995.00
BM2HD65140W	65'W x 140'L	65,825.00
BM2HD65180W	65'W x 180'L	83,525.00
BM2HD65220W	65'W x 220'L	98,625.00
BM2HD65240W	65'W x 240'L	107,585.00

CLEARSPAN™ HD BEEF MASTER™ SYSTEMS END WALL PACKAGE

STK#	SIZE	EACH
TEBM35DRW	35'	$ 5,325.00
TEBM45DRW	45'	8,725.00
TEBM50DRW	50'	9,995.00
TEBM54DRW	54'	10,049.00
TEBM65DRW	65'	12,015.00

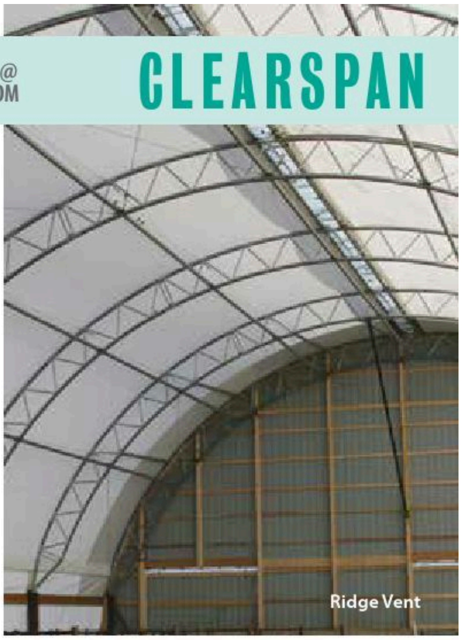
CLEARSPAN™ HD BEEF MASTER™ SYSTEMS CURTAIN PACKAGE

STK#	SIZE	EACH
BMCURT05X100W	100'	$ 4,529.00
BMCURT05X140W	140'	6,339.00
BMCURT05X180W	180'	8,229.00
BMCURT05X220W	220'	9,949.00
BMCURT05X240W	240'	10,855.00

⚠ **WARNING:** Cancer and Reproductive Toxicity - P65Warnings.ca.gov

The ClearSpan™ Premium HD Beef Master™ Systems feature the most durable construction and are a great option for farms located in regions with harsh weather.

- The Premium HD Beef Master™ creates an environment where cattle can thrive. It keeps them safe and protected from weather, leading to healthier, more profitable cattle.
- This ultra-durable structure is mounted on i-beams and bolted onto cement piers in the ground, creating a foundation with the utmost security.
- Features a 7' feed shield that maximizes the structure's space. The cattle feed in a covered, controlled space on the side of the structure. The shield improves feed efficiencies and reduces wasted feed by protecting it from rain and snow.
- The feed shield has a clearance of 12', so TMR wagons and tractors can operate underneath without any issues.
- The other wall is open and features a 2' awning to help keep rain out.
- ClearSpan's™ Curtain Package is an ideal option for customers looking to partially close the wall in.
- The structure comes open ended, but can be outfitted with custom end walls.
- Covered ridge vent is included to maximize air circulation and to further ensure a healthy environment.
- Truss spacing is 16' on center, making it much easier to install feed bunks, headlocks and paneling.
- Truss arches are manufactured from triple-galvanized structural steel that provides a long life and corrosion resistance.
- 12 oz., 24 mil white premium cover.
- Industry-leading 20 year warranty on the cover and 50 year warranty on the frame.
- 50 sq.ft. per head is recommended.


Ridge Vent

ClearSpan™ Curtain Packages

- Curtains are approximately 7'6" in height, leaving 5' open at the bottom.
- Each package includes: 12.5 oz. white curtain, 40:1 manual gear box, center height-driven curtain and anti-billowing for the exterior, including curtain drive doors and tail doors.
- Longer curtains will come with more than one gear box to ensure smooth and effective operation.

ClearSpan™ Concrete Wall Panels

- ClearSpan™ concrete wall panels are 5'W X 16'L and designed to fit our 50'W Beef Master™ building on I-beams.
- A superior alternative to wood style walls.
- Smooth finished inside edge allows for easy cleanup.

CLEARSPAN™ PREMIUM HD BEEF MASTER™ SYSTEMS

STK#	SIZE	EACH
T050BMPL112W	50'W x 112'L	$ 72,570.00
T050BMPL160W	50'W x 160'L	103,670.00
T050BMPL224W	50'W x 224'L	145,135.00
T050BMPL272W	50'W x 272'L	175,965.00
T050BMPL336W	50'W x 336'L	215,065.00
T050BMPL400W	50'W x 400'L	254,165.00

CLEARSPAN™ CURTAIN PACKAGES

STK#	LENGTH	EACH
BM50CURT07X112W	112'	$ 5,219.00
BM50CURT07X160W	160'	7,565.00
BM50CURT07X224W	224'	10,449.00
BM50CURT07X272W	272'	12,699.00
BM50CURT07X336W	336'	15,665.00
BM50CURT07X400W	400'	18,639.00

CLEARSPAN™ CONCRETE WALL PANELS

STK#	EACH
115458	$999.00

ClearSpan™ Commodity HD Buildings feature an open-sided design that allows workers and equipment quick, easy access.

- This structure is ideal for storing different bulk materials or where access through the entire side of the building is desired. Multiple trucks, bucket loaders or other equipment can access simultaneously.
- The open-sided Commodity Building provides plenty of clearance, for large machinery and equipment to maneuver within the structure's threshold.
- Structures are constructed from triple-galvanized structural steel frames, which are durable and corrosion resistant.
- Commodity Buildings are covered with 12.5 oz., 24 mil rip-stop polyethylene that is UV resistant. Covers come in your choice of four colors.
- Industry-leading 50 year warranty on the frame and 20 year warranty on the cover.
- Side Panels are available to cover the open side. Custom covers, end panels and accessories are also available. Ask your knowledgeable National Account Manager for more information.

CLEARSPAN™ COMMODITY HD BUILDINGS

	38'W		48'W		58'W	
LENGTH	STK#	EACH	STK#	EACH	STK#	EACH
40'	TC0384020	$18,670.00	TC0484020	$20,700.00	TC0584020	$27,225.00
60'	TC0386020	23,820.00	TC0486020	31,580.00	TC0586020	34,905.00
80'	TC0388020	36,215.00	TC0488020	38,470.00	TC0588020	42,835.00

Add color code to end of STK# to indicate color choice.

CLEARSPAN™ COMMODITY BUILDING HD SOLID SIDE PANELS

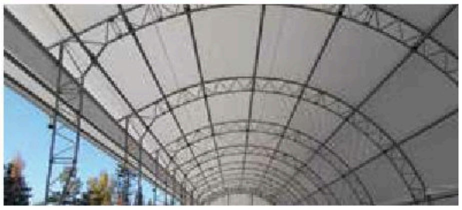
FOR WIDTH	STK#	LENGTH	EACH
38'	TCE03820SLD	20'	$1,349.00
38'	TCE03840SLD	40'	2,459.00
48'	TCE04820SLD	20'	1,429.00
48'	TCE04840SLD	40'	2,599.00
58'	TCE05820SLD	20'	1,589.00
58'	TCE05840SLD	40'	2,885.00

Add color code to end of STK# to indicate color choice.

CLEARSPAN™ COMMODITY BUILDING SOLID HD END WALLS

WIDTH	STK#	EACH
38'	TCE038SLD	$4,110.00
48'	TCE048SLD	5,785.00
58'	TCE058SLD	7,615.00

*Add color code to end of STK# to indicate color choice.
**Add L or R after color choice for left or right end wall.



ClearSpan™ HD Buildings are built with a Heavy Duty frame and can be built on a pony wall or free standing, ensuring you a structure of the highest quality.

- High clearance and wide-open space of these structures make them ideal for virtually any application.
- 12.5 oz., 24 mil rip-stop polyethylene covers are UV resistant and available in your choice of four colors.
- Durable frames are manufactured from our triple-galvanized structural steel, which is resistant to corrosive environments and long lasting.
- Truss spacing is 20' on center.
- Available in freestanding or pony wall style, depending on your application.
- Industry-leading 20 year warranty on cover and 50 year warranty on frame.
- Custom covers, end panels and accessories are available. Ask your knowledgeable National Account Manager for more information.

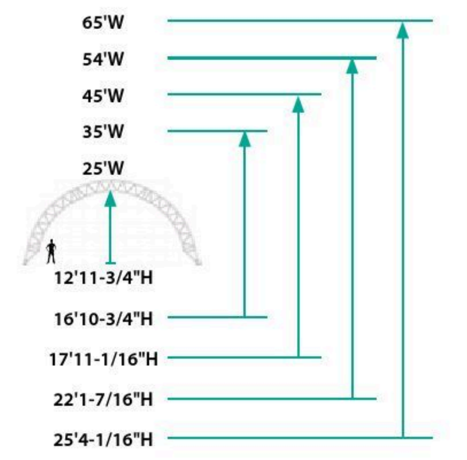
ClearSpan™ HD Economy End Walls

- Fabric End Walls are available and have the option of being installed as a solid end wall or as an end wall with framing for a door.
- Fabric End Walls are manufactured from 12.5 oz., 24 mil rip-stop polyethylene and are available in your choice of four colors.

ClearSpan™ Round HD Half End Walls

- Round HD Half End Walls cover the top half of the building's end, providing protection from rain, sleet, snow, wind and other weather conditions.
- Frames are manufactured from Heavy Duty, triple-galvanized steel that is resistant to corrosion.
- Covered with 12.5 oz., 24 mil rip-stop polyethylene that comes in choice of four colors.

ROUND HD STYLE



W G N T COLORS

CLEARSPAN™ ROUND HD BUILDINGS

	25'W		35'W		45'W		54'W		65'W	
LENGTH	STK#	EACH	STK#	EACH	STK#	EACH	STK#	EACH	STK#	EACH
40'	T02504020F	$13,020.00	T03504020F	$14,515.00	T04504020F	$16,105.00	T05404020F	$17,185.00	T06504020F	$19,700.00
60'	T02506020F	13,430.00	T03506020F	18,565.00	T04506020F	20,865.00	T05406020F	22,065.00	T06506020F	24,080.00
80'	T02508020F	21,935.00	T03508020F	24,895.00	T04508020F	27,175.00	T05408020F	28,160.00	T06508020F	30,405.00
100'	T02510020F	26,440.00	T03510020F	28,340.00	T04510020F	31,335.00	T05410020F	32,900.00	T06510020F	35,800.00
120'	T02512020F	31,725.00	T03512020F	33,995.00	T04512020F	35,350.00	T05412020F	37,700.00	T06512020F	41,155.00
140'	T02514020F	36,960.00	T03514020F	39,685.00	T04514020F	42,045.00	T05414020F	43,875.00	T06514020F	47,230.00

Add color code to end of STK# to indicate color choice.

CLEARSPAN™ ROUND HD ECONOMY END WALLS

	SOLID END WALL		END WALL W/ DOOR FRAME	
STK#	FABRIC EACH	WIDTH	STK#	FABRIC EACH
TE025SLD	$1,875.00	25'	TE025DR	$2,165.00
TE035SLD	2,210.00	35'	TE035DR	2,760.00
TE045SLD	3,560.00	45'	TE045DR	4,060.00
TE054SLD	4,020.00	54'	TE054DR	4,435.00
TE065SLD	5,220.00	65'	TE065DR	6,020.00

Add color code to end of STK# to indicate color choice.

CLEARSPAN™ ROUND HD HALF END WALLS

STK#	WIDTH	VERTICAL CLEARANCE	EACH
TE025HLF	25'	8'	$1,365.00
TE035HLF	35'	8'	2,175.00
TE045HLF	45'	8'	3,210.00
TE054HLF	54'	12'	3,390.00
TE065HLF	65'	12'	4,840.00

Add color code to end of STK# to indicate color choice.

⚠ **WARNING:** Cancer and Reproductive Toxicity - P65Warnings.ca.gov

ClearSpan™ Round Extra-Tall HD Buildings provide extra clearance, with the structural integrity of our HD Buildings.

- High clearance and wide-open space of these structures make them ideal for virtually any application.
- 12.5 oz., 24 mil rip-stop polyethylene covers are UV resistant and available in your choice of four colors.
- Durable frames are manufactured from our triple-galvanized structural steel, which is resistant to corrosive environments and long lasting.
- Truss spacing is 20' on center.
- Available in freestanding or pony wall style, depending on your application.
- Industry-leading 20 year warranty on cover and 50 year warranty on frame.
- Custom covers, end panels and accessories are available. Ask your knowledgeable National Account Manager for more information.

ClearSpan™ HD Economy End Walls

- Fabric End Walls are available and have the option of being installed as a solid end wall or as an end wall with framing for a door.
- Fabric End Walls are manufactured from 12.5 oz., 24 mil rip-stop polyethylene and are available in your choice of four colors.

CLEARSPAN™ ROUND EXTRA-TALL HD BUILDINGS

	45'W		56'W		65'W	
LENGTH	STK#	EACH	STK#	EACH	STK#	EACH
40'	TT4504020F	$19,095.00	TT5604020F	$20,510.00	TT6504020F	$21,840.00
60'	TT4506020F	23,960.00	TT5606020F	25,385.00	TT6506020F	27,710.00
80'	TT4508020F	30,635.00	TT5608020F	32,160.00	TT6508020F	35,935.00
100'	TT4510020F	36,080.00	TT5610020F	37,410.00	TT6510020F	42,710.00
120'	TT4512020F	43,295.00	TT5612020F	42,840.00	TT6512020F	49,450.00
140'	TT4514020F	50,379.00	TT5614020F	49,825.00	TT6514020F	56,065.00

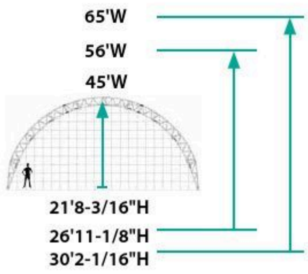
Add color code to end of STK# to indicate color choice.

CLEARSPAN™ ROUND EXTRA-TALL HD END WALLS

STK#	SOLID END WALL FABRIC EACH	WIDTH	STK#	END WALL W/ DOOR FRAME FABRIC EACH
TET045SLD	$3,835.00	45'	TET045DR	$4,410.00
TET056SLD	5,335.00	56'	TET056DR	6,185.00
TET065SLD	5,465.00	65'	TET065DR	6,305.00

Add color code to end of STK# to indicate color choice.

ROUND HD EXTRA-TALL STYLE



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COLORS

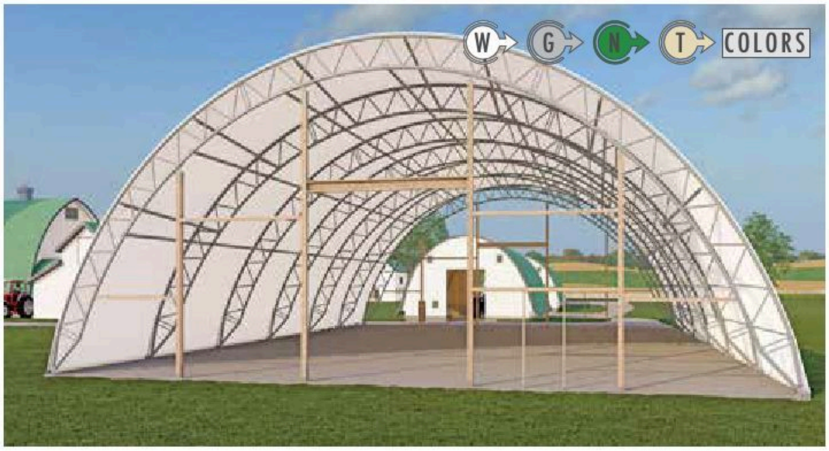
ClearSpan's HD Raised End Walls allow you to completely enclose your pony wall Round HD Buildings.

- End walls are available as solid end panels or with framing for doors. Framing includes space for an overhead and walk-in door. Doors sold separately.
- Can be used with ClearSpan Round HD Buildings that are built on a 4' or 6' pony wall.
- Base termination up to owner discretion.
- Available in four different colors.
- End walls are constructed from triple-galvanized steel and ClearSpan's 12 oz. fabric cladding. The steel is strong enough to withstand the harshest environments, and the durable fabric features a rip-stop weave that halts any potential tears.
- End walls are available in standard and tall sizes.

CLEARSPAN HD RAISED END WALLS

		SOLID END WALL				END WALL W/ DOOR FRAMING		
STK#	HEIGHT	SIZE	EACH	WIDTH	STK#	HEIGHT	SIZE	EACH
TE025SLD4	4'	Standard	$2,750.00	25'	TE025DR4	4'	Standard	$ 3,145.00
TE025SLD6	6'	Standard	2,930.00	25'	TE025DR6	6'	Standard	3,360.00
TE035SLD4	4'	Standard	3,295.00	35'	TE035DR4	4'	Standard	3,970.00
TE035SLD6	6'	Standard	3,335.00	35'	TE035DR6	6'	Standard	4,095.00
TE045SLD4	4'	Standard	4,670.00	45'	TE045DR4	4'	Standard	5,270.00
TE045SLD6	6'	Standard	5,745.00	45'	TE045DR6	6'	Standard	6,710.00
TET045SLD4	4'	Tall	5,535.00	45'	TET045DR4	4'	Tall	6,470.00
TET045SLD6	6'	Tall	6,430.00	45'	TET045DR6	6'	Tall	7,355.00
TE054SLD4	4'	Standard	5,965.00	54'	TE054DR4	4'	Standard	6,920.00
TE054SLD6	6'	Standard	6,890.00	54'	TE054DR6	6'	Standard	7,730.00
TET056SLD4	4'	Tall	7,335.00	56'	TET056DR4	4'	Tall	8,160.00
TET056SLD6	6'	Tall	8,845.00	56'	TET056DR6	6'	Tall	9,655.00
TE065SLD4	4'	Standard	7,750.00	65'	TE065DR4	4'	Standard	8,610.00
TE065SLD6	6'	Standard	8,405.00	65'	TE065DR6	6'	Standard	9,240.00
TET065SLD4	4'	Tall	9,045.00	65'	TET065DR4	4'	Tall	9,850.00
TET065SLD6	6'	Tall	9,890.00	65'	TET065DR6	6'	Tall	10,760.00

Add color code to end of STK# to indicate color choice.



ClearSpan™ Round HD Wood End Walls

- Wood end walls offer an effective alternative to steel that's lower in price and still provides the ends of a Round HD building with a clean finish.
- Wood end wall kits come complete with brackets, hardware and a 12.5 oz., 24 mil rip-stop polyethylene cover that helps protect against severe weather conditions.
- Can be installed as a solid end wall or as an end wall with framing for a door.
- Available in customer's choice of four colors.
- Customer supplies lumber.

CLEARSPAN™ ROUND HD WOOD END WALLS

STK#	WIDTH	EACH
TE025WOOD	25'	$1,695.00
TE035WOOD	35'	2,095.00
TE045WOOD	45'	3,220.00
TE054WOOD	54'	3,480.00
TE065WOOD	65'	3,955.00

Add color code to end of STK# to indicate color choice.

ClearSpan™ Truss Building Driven Anchor Kits are a cost-effective and reliable foundation solution that allow you to quickly ground mount your ClearSpan™ Truss Building with little site preparation.

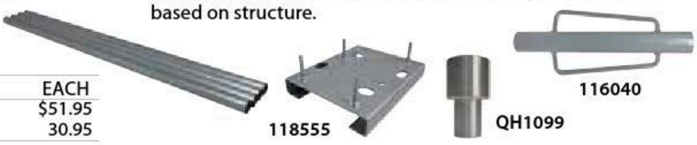
- These innovative tube anchors provide reliable foundation at fraction of cost of more traditional solutions.
- Unique system works by driving anchors into ground at varying angles, functioning much like tree's roots to securely hold structure in place.
- Anchors can be installed without need for heavy machinery. Only post drivers (116040 to start, QH1099 to finish) or jackhammer required.
- Anchor tubes and hot dipped galvanized caps are made from structural steel to provide superior strength and dependability.
- Intended for use with buildings up to 65' wide.
- Middle & End Anchor Kits (118555) and End Wall Anchor Kits (118556) sold separately and required in varying quantities based on structure.

CLEARSPAN™ TRUSS BUILDING DRIVEN ANCHOR KITS

STK#	ITEM	EACH
118555	Middle & End Anchor Kit	$245.95
118556	End Wall Anchor Kit	189.95

POST DRIVERS

STK#	EACH
116040	$51.95
QH1099	30.95

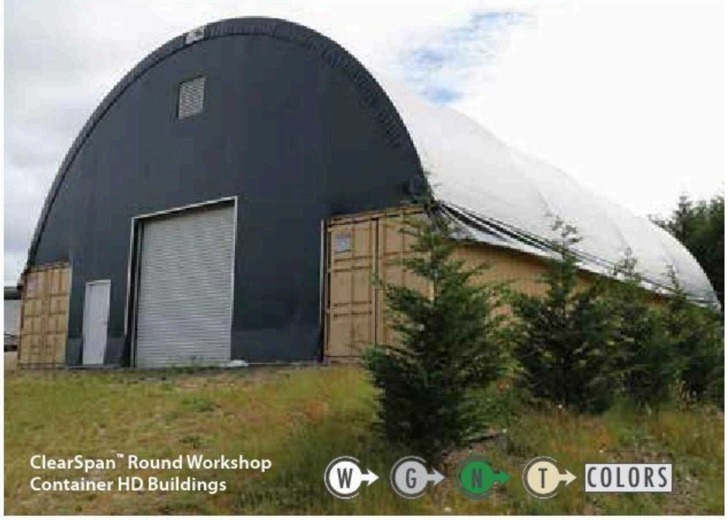


ClearSpan™ HD Buildings on Containers are designed, manufactured and constructed with the highest structural integrity.

- High clearance and wide-open space of these structures make them ideal for virtually any application
- 12.5 oz., 24 mil rip-stop polyethylene covers are UV resistant and available in your choice of four colors.
- Durable frames are manufactured from our, triple-galvanized structural steel, which is resistant to corrosive environments and long lasting.
- Industry-leading 20 year warranty on cover and 50 year warranty on frame.
- Designed as a kit to sit on both standard and hi-cube containers. They come with one solid end wall, one end wall with framing for doors, a 14' x 14' rolling steel door and a 36" x 80" man door (available in white only). Containers not included.

Create more storage and clearance in your ClearSpan Freestanding Building by mounting it on containers with ClearSpan's Freestanding End Wall Frame Kits for Containers and Freestanding End Wall Panel Kits for Containers.

- End Wall Frame Kits provide the necessary end wall framing, while End Wall Panel Kits provided a durable fabric cladding for end walls.
- These versatile kits feature special designs that allow the columns and headers to be adjusted in any direction, so they can accommodate various sized overhead and sliding doors.


ClearSpan™ Round Workshop Container HD Buildings

CLEARSPAN™ ROUND WORKSHOP CONTAINER HD BUILDINGS

	35'W		45'W		54'W		65'W	
LENGTH	STK#	EACH	STK#	EACH	STK#	EACH	STK#	EACH
40'	T03540WCB	$31,280.00	T04540WCB	$37,145.00	T05440WCB	$39,065.00	T06540WCB	$47,190.00
80'	T03580WCB	39,060.00	T04580WCB	47,075.00	T05480WCB	51,135.00	T06580WCB	57,275.00

CLEARSPAN™ FREESTANDING END WALLS

END WALL FRAME KITS FOR CONTAINERS			END WALL PANEL KITS FOR CONTAINERS	
STK#	EACH	WIDTH	STK#	EACH
103952C	$1,625.00	20'	116933*	$1,695.00
103953C	2,445.00	26'	116934*	3,029.00
103955C	2,575.00	30'	116935*	3,069.00
112099C	2,735.00	34'	116936*	2,195.00
108986C	3,135.00	36'	116937*	3,375.00
103958C	3,215.00	38'	116938*	2,275.00
105444C	3,325.00	42'	116939*	2,179.00

*Add color code to end of STK# to indicate color choice.

The HD Container Building No-Weld Mounting System simplifies and streamlines the installation process, while still providing a secure connection to a shipping container foundation.

- This convenient mounting system eliminates need for field welding when attaching truss frames to shipping container foundations.
- Kit is designed as a welded bar joist that bolts to the corners and edge lip of shipping containers.
- Bar joist is set up to accept 20' rafter spacing.
- Designed with pre-welded plates that can be bolted to building's base plate at each 20' spacing, which allows for quicker install time, since installer no longer needs to locate every base plate for the structure.
- Supports ClearSpan HD Container Buildings up to 65'W. Available in lengths of 40' (118605L040) and 80' (118605L080).

HD CONTAINER BUILDING NO-WELD MOUNTING SYSTEM

STK#	LENGTH	EACH
118605L040	40'	$4,000.00
118605L080	80'	7,500.00

ClearSpan™ Econoline Container Storage Structures incorporate secure storage space directly into your structure's foundation and require no on-site welding, making installation fast and easy.

- These convenient, yet reliable single cord structures feature wide-open interiors, tall clearances and a storage container foundation to ensure all your valuables are well-protected.
- Buildings come with a bolt-on container mounting system, which simplifies installation by eliminating the need for welding.
- Frames are constructed from high-quality galvanized steel tubing for reliable support and superior corrosion-resistance.
- Cover is a Heavy Duty, 26 oz. vinyl covering that's white with green trim and comes with a 10 year warranty.
- Structures come complete with end walls that are able to accommodate both standard and high cube containers. Base plates for end walls included.
- End walls are outfitted with a 13'2"W x 13'2"H winch-operated door to give machinery and vehicles easy access from front or back of structure.

CLEARSPAN™ ECONOLINE CONTAINER STORAGE STRUCTURE

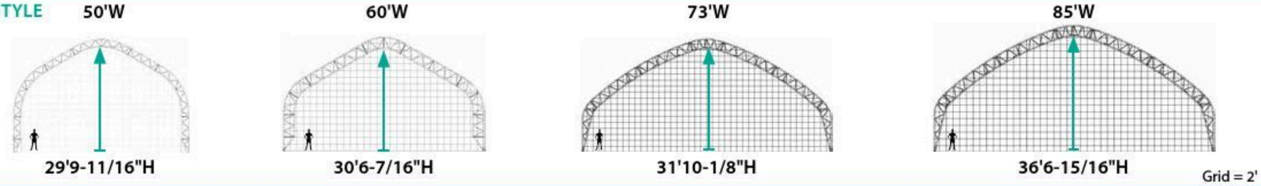
STK#	SIZE	RAFTER SIZE	RAFTER SPACING	EACH
118633	20'W x 6'6"H x 40'L	1.77" Round	3'	$3,965.00
118634	30'W x 8'6"H x 40'L	2" x 2.87" Square	6'	5,675.00

Our line of heaviest duty freestanding and pony wall buildings. ClearSpan™ HD Buildings are designed, manufactured and constructed with the highest structural integrity.

- High clearance and wide-open space of these structures make them ideal for virtually any application.
- 12.5 oz., 24 mil rip-stop polyethylene covers are UV resistant and available in your choice of four colors.
- Durable frames are manufactured from our, triple-galvanized structural steel, which is resistant to corrosive environments and long lasting.
- Truss spacing is 20' on center.
- Available in freestanding or pony wall style, depending on your application.
- Industry-leading 20 year warranty on cover and 50 year warranty on frame.
- Custom covers, end panels and accessories are available. Ask your knowledgeable National Account Manager for more information.

W G N T COLORS

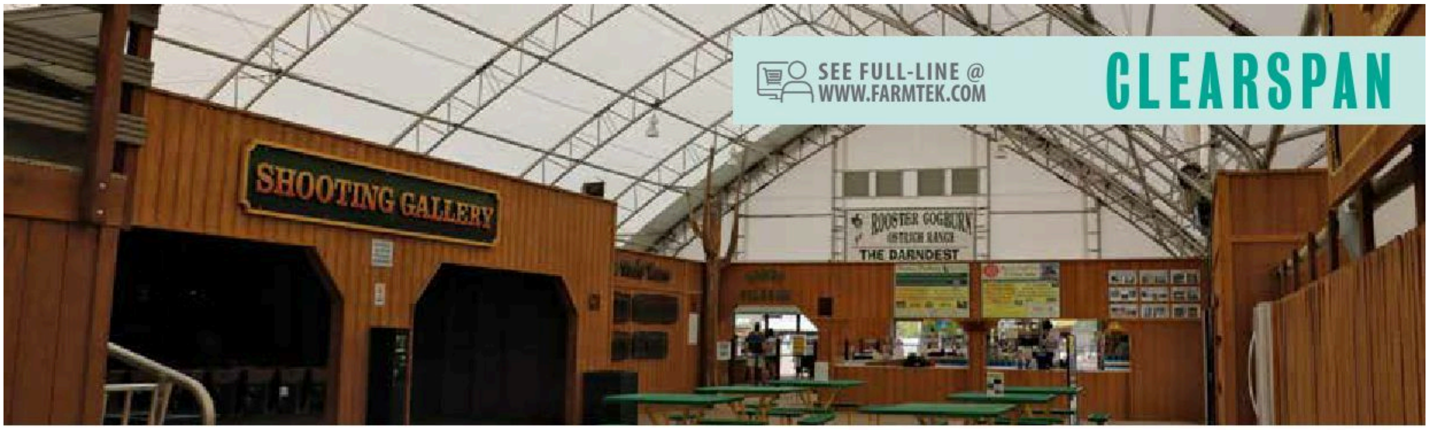
GABLE STYLE



CLEARSPAN™ GABLE HD BUILDINGS

	50'W		60'W		73'W		85'W	
LGTH	STK#	EACH	STK#	EACH	STK#	EACH	STK#	EACH
40'	TH5004020F	$ 26,655.00	TH60GD04020	$28,465.00	T07304020F	$ 34,710.00	T08504020F	$ 41,725.00
60'	TH5006020F	36,735.00	TH60GD06020	36,585.00	T07306020F	44,600.00	T08506020F	54,090.00
80'	TH5008020F	46,810.00	TH60GD08020	46,430.00	T07308020F	55,105.00	T08508020F	64,445.00
100'	TH5010020F	55,165.00	TH60GD10020	54,310.00	T07310020F	66,445.00	T08510020F	78,050.00
120'	TH5012020F	63,515.00	TH60GD12020	62,120.00	T07312020F	76,215.00	T08512020F	90,585.00
140'	TH5014020F	74,105.00	TH60GD14020	71,230.00	T07314020F	86,425.00	T08514020F	102,170.00
160'	TH5016020F	84,695.00	TH60GD16020	80,300.00	T07316020F	98,235.00	T08516020F	116,700.00
180'	TH5018020F	94,295.00	TH60GD18020	89,190.00	T07318020F	109,740.00	T08518020F	128,945.00
200'	TH5020020F	102,170.00	TH60GD20020	96,915.00	T07320020F	119,205.00	T08520020F	141,190.00

Add color code to end of STK# to indicate color choice.

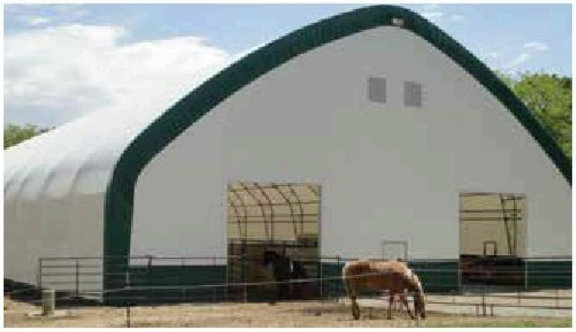


ClearSpan™ Gable HD Economy End Walls

- Fabric End Walls are available and have the option of being installed as a solid end wall or as an end wall with framing for a door.
- Fabric End Walls are manufactured from 12.5 oz., 24 mil rip-stop polyethylene and are available in your choice of four colors.

ClearSpan™ Gable HD Half End Walls

- Gable HD Half End Walls cover the top half of the building's end, providing protection from rain, sleet, snow, wind and other weather conditions.
- Frames are manufactured from Heavy Duty, triple-galvanized steel that is resistant to corrosion.
- Covered with 12.5 oz., 24 mil rip-stop polyethylene that comes in choice of four colors.



CLEARSPAN™ GABLE HD ECONOMY END WALLS

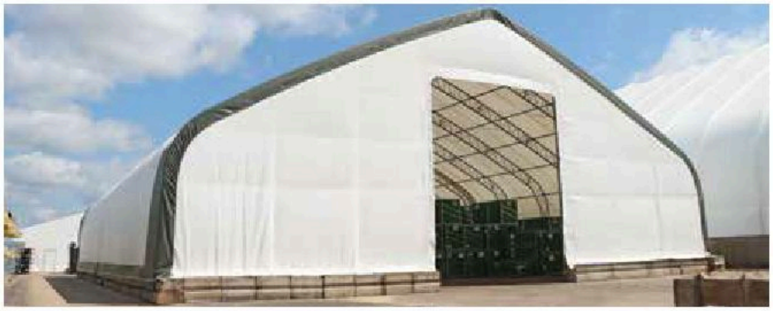
SOLID END WALL FABRIC			END WALL W/ DOOR FRAME FABRIC	
STK#	EACH	WIDTH	STK#	EACH
TEH50SLD	$ 5,375.00	50'	TEH50DR	$ 6,240.00
TEH60GDSLD	7,015.00	60'	TEH60GDDR	8,195.00
TE073SLD	7,645.00	73'	TE073DR	8,649.00
TE085SLD	11,995.00	85'	TE085DR	12,555.00

Add color code to end of STK# to indicate color choice.

CLEARSPAN™ GABLE HD HALF END WALLS

STK#	WIDTH	VERTICAL CLEARANCE	EACH
TEH50HLF	50'	15'	$4,100.00
TEH60GDHLF	60'	15'	4,885.00
TEH73HLF	73'	15'	6,290.00
TEH85HLF	85'	17'	7,410.00

Add color code to end of STK# to indicate color choice.

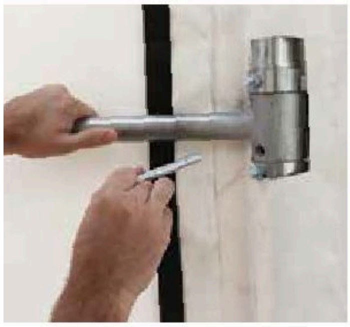


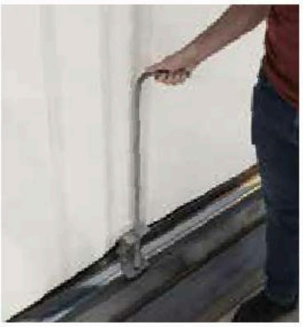
The ClearSpan™ Econoline Truss Buildings feature a truss frame design, making them a great storage option for any application.

- These structures provide a larger-scale, yet still economical, building and storage solution.
- Econoline Truss Buildings have a structural steel truss frame that has been galvanized for added durability.
- The truss frame is covered with a 26.56 oz. vinyl fabric that provides protection from the elements, and it comes with a 10 year warranty. Covers are white with green trim.
- Includes expansion bolts, allowing buildings to be anchored to concrete.
- End panels include winch operated doors.
- Optional anchors, doors, door framing, vents and vent framing sold separately.

CLEARSPAN™ ECONOLINE TRUSS BUILDINGS

STK#	SIZE	PIPE SIZE AND GAUGE	RAFTER SPACING	COVER WEIGHT	DOOR SIZE	EACH
117742	50'W x 23'H x 100'L	2.36"/15 ga	10'	26.56 oz.	18'W x 16'H	$23,995.00
118242	70'W x 28'H x 80'L	3"/14 ga	10'	26.56 oz.	18'W x 16'H	32,129.00
117743	70'W x 28'H x 100'L	3"/14 ga	10'	26.56 oz.	18'W x 16'H	36,995.00
118243	70'W x 28'H x 120'L	3"/14 ga	10'	26.56 oz.	18'W x 16'H	44,659.00





NEW ClearSpan™ Heavy Duty Retractable Vinyl Doors make a functional and cost-effective addition to your fabric building, providing reliable weather protection and easy access to aggregate material, equipment or any other stored good.

- These two-piece fabric doors are made from durable 22 oz. vinyl and create an effective barrier against moisture, birds, flying debris and more.
- Doors open horizontally from either side using a convenient theater-curtain style rope and pulley system.
- A unique over-center locking mechanism at the midpoint helps ensure desired tensioning of door panels when closed.
- Vinyl doors are reinforced by 14-gauge, 1.90" OD galvanized vertical steel tubes on approximately 5' spacing.
- Each panel is also supported at top by Heavy Duty sliding door rails and rollers spaced at approximately 1'-8". Rails and rollers are covered by galvanized metal flashing to deflect the elements.
- For increased wind-resistance, doors are secured to a threshold ramp at bottom by cane bolts measuring 5/8" in diameter.
- Included threshold ramp allows for easier open-close motion and helps prevent door from billowing in all positions.
- Ramps can be secured to concrete using KH-EZ Concrete Screw Anchors (117233) or to dirt/rock surfaces using Tent Stakes (118701), sold separately. Ten anchors or stakes are recommended for every 10' of door width.
- Doors come in white color and are available in widths and heights of 20' and 30'. Custom colors and sizes can also be ordered upon request, with sizes coming in 1'-8" increments.
- If attempting to retrofit an existing building, please consult a structural engineer.

CLEARSPAN™ HEAVY DUTY RETRACTABLE VINYL DOORS

STK#	SIZE	EACH
GHD202022W	20'W x 20'H	$5,545.00
GHD203022W	20'W x 30'H	6,255.00
GHD302022W	30'W x 20'H	7,315.00
GHD303022W	30'W x 30'H	8,235.00

These are a great, low-cost alternative to traditional doors. Our exclusive, universal-mount Fabric Gathering Doors are a durable and attractive addition to any building, and with new features and benefits, they are better than ever.

- Manual or electric operation.
- Functions smoothly and quietly, and they are easily opened and closed with a manual winch.
- Manufactured from our Heavy Duty, 22 oz., PVC-coated vinyl that is flame resistant and features a temperature range of -22°F to 158°F.
- Made with triple-galvanized structural steel tubing that is 9 gauge and has a 1.90" OD.
- Easy to install and is mounted on the inside.
- Ideal for both interior and exterior use. Fabric Gathering Doors are the perfect room divider and can be utilized anywhere.
- Doors require little to no maintenance and won't rust or rot.
- A minimum clearance of 10" on the side of the door is required for mounting our exclusive, Heavy Duty Hand-Operated Winch.
- Fabric Gathering Doors come standard with a hand-operated winch. For hands-free operation, Electric Winches are sold separately.

20' x 20'
20' x 20'
20' x 20'

ELECTRIC WINCH FOR FABRIC GATHERING DOORS

STK#	EACH
WEMK110574	$1,315.00

FABRIC GATHERING DOORS

WIDTH	12'H		14'H		16'H		18'H		20'H	
12'	GGDK1212W33F	$3,395.00	–	–	–	–	–	–	–	–
14'	–	–	GGDK1414W33F	$3,805.00	–	–	–	–	–	–
16'	–	–	–	–	GGDK1616W33F	$4,649.00	–	–	–	–
20'	GGDK2012W33F	4,719.00	GGDK2014W33F	5,109.00	GGDK2016W33F	5,245.00	GGDK2018W33F	$5,705.00	GGDK2020W33F	$ 6,079.00
22'	GGDK2212W33F	4,855.00	GGDK2214W33F	4,929.00	GGDK2216W33F	5,119.00	GGDK2218W33F	5,575.00	GGDK2220W33F	5,655.00
24'	GGDK2412W33F	4,419.00	GGDK2414W33F	4,929.00	GGDK2416W33F	5,009.00	GGDK2418W33F	5,825.00	GGDK2420W33F	6,199.00
26'	GGDK2612W33F	4,815.00	GGDK2614W33F	5,329.00	GGDK2616W33F	5,429.00	GGDK2618W33F	5,769.00	GGDK2620W33F	6,455.00
28'	GGDK2812W33F	6,519.00	GGDK2814W33F	6,745.00	GGDK2816W33F	7,865.00	GGDK2818W33F	7,829.00	GGDK2820W33F	8,359.00
30'	GGDK3012W33F	5,119.00	GGDK3014W33F	6,215.00	GGDK3016W33F	7,035.00	GGDK3018W33F	7,439.00	GGDK3020W33F	8,529.00
35'	–	–	–	–	–	–	–	–	GGDK3520W33F	9,939.00
40'	–	–	–	–	–	–	–	–	GGDK4020W33F	11,385.00

WIDTH	22'H		24'H		26'H		28'H		30'H	
20'	GGDK2022W33F	$6,129.00	GGDK2024W33F	$ 6,519.00	GGDK2026W33F	$ 6,455.00	GGDK2028W33F	$ 9,369.00	GGDK2030W33F	$ 9,435.00
22'	GGDK2222W33F	6,219.00	GGDK2224W33F	6,789.00	GGDK2226W33F	8,559.00	GGDK2228W33F	9,199.00	GGDK2230W33F	9,789.00
24'	GGDK2422W33F	6,789.00	GGDK2424W33F	7,409.00	GGDK2426W33F	8,269.00	GGDK2428W33F	9,655.00	GGDK2430W33F	10,239.00
26'	GGDK2622W33F	7,579.00	GGDK2624W33F	8,269.00	GGDK2626W33F	8,959.00	GGDK2628W33F	9,929.00	GGDK2630W33F	10,339.00
28'	GGDK2822W33F	9,199.00	GGDK2824W33F	9,655.00	GGDK2826W33F	9,929.00	GGDK2828W33F	10,705.00	GGDK2830W33F	11,949.00
30'	GGDK3022W33F	9,379.00	GGDK3024W33F	10,239.00	GGDK3026W33F	10,339.00	GGDK3028W33F	11,949.00	GGDK3030W33F	12,795.00

111382
Janus 3652

Dependable and quick to install.

- 26-gauge corrugated door curtain is manufactured from full hard galvanized grade 80 steel and coated with Super Durable polyester paint that is backed by a 40 year film integrity rating and 25 year no-fade limited paint warranty.
- Doors feature 12" diameter drums, allowing for lower headroom requirements.
- Grease-filled, shielded radial ball bearings at the drums provide longevity and smooth operation.
- Enclosed barrel protects factory-lubricated springs from the elements.
- Cam-action device allows quick, easy and equal adjustment of the tension on all springs simultaneously from one end of the door. Simply insert a common 1/2" ratchet tool into the end of the drive shaft and rotate.
- Doors come complete with slide bolt lock assemblies at bottom bars for security and perimeter weather-seal kit, which includes header seal, side draft stops and bottom astragal.
- 1 year manufacturer's warranty.

Janus 2000 Commercial Coiling Sheet Doors:

These manual push-up doors are an economical alternative to sectional or slat doors.

Janus 3652 Commercial Coiling Sheet Doors:

These wind-load certified doors are independently tested in accordance with ASTM E 330 and ANSI/DASMA 108 and meet requirements of the International Building Code and Florida Building Code (FL 14425). Design wind load is rated +36 PSF and - 40 PSF for opening width of 12'0". Ask your National Account Manager for additional wind-load ratings. Chain hoist included on all doors over 10' wide or 10' high.

Add a Door Opener for easy, automatic operation.

- Complies with UL325-2010, providing primary monitored entrapment protection through monitored photo sensors.
- Includes receiver and one-button remote.
- 115 V, 60 Hz, 1/2 HP, single-phase intermittent motor with instant reverse and internal automatic reset thermal overload protection.
- Includes emergency chain hoist with electric interlock and emergency disconnect chain.
- UL listed and labeled.
- 2 year manufacturer's warranty.

JANUS 2000 COMMERCIAL COILING SHEET DOORS

STK#	SIZE	WEIGHT	EACH	WITH DOOR OPENER*
111374	8'W x 8'H	352 lbs.	$1,479.00	$3,219.00
111375	10'W x 8'H	440 lbs.	1,699.00	3,279.00
111376	10'W x 9'H	495 lbs.	1,805.00	3,545.00
111377	10'W x 10'H	550 lbs.	1,965.00	3,705.00

*Add A to the end of your STK# for door with Door Opener.

JANUS 3652 COMMERCIAL COILING SHEET DOORS

STK#	SIZE	WEIGHT	EACH	WITH DOOR OPENER*
111378	12'W x 10'H	660 lbs.	$3,045.00	$4,619.00
111379	12'W x 12'H	792 lbs.	3,399.00	4,975.00
111381	12'W x 14'H	924 lbs.	3,765.00	5,249.00
111380	14'W x 11'H	847 lbs.	3,675.00	5,249.00
111382	14'W x 14'H	1,078 lbs.	4,079.00	5,655.00

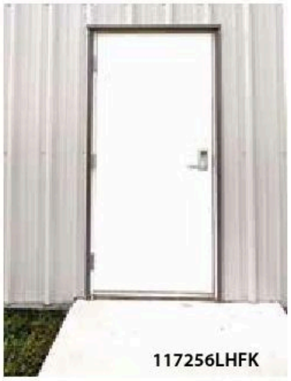
*Add A to the end of your STK# for door with Door Opener.

JANUS HOOD ENCLOSURES

STK#	DOOR WIDTH	SERIES	EACH
112134	8'	2000	$ 815.00
112135	10'	2000	1,019.00
112136	12'	3652	1,225.00
112137	14'	3652	1,425.00
112138	16'	3652	1,629.00
112139	18'	3652	1,835.00

JANUS BRUSH SEALS

STK#	JAMB HEIGHT	EACH
112140	8'	$185.00
112141	9'	235.00
112142	10'	235.00
112143	11'	279.00
112144	12'	279.00
112145	14'	309.00
112146	16'	375.00
112147	18'	465.00


117256LHFK

117256LHFK

117257LHRHFK

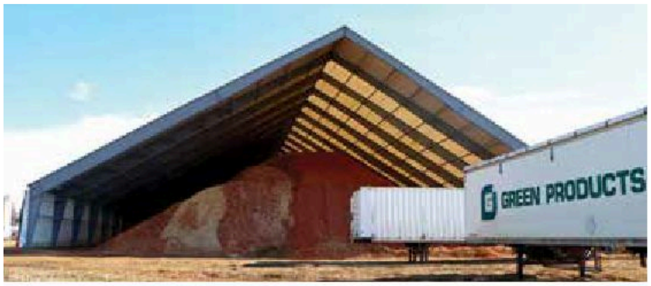
117257LHRHFK

Plyco® ADA Prehung Door Kits can be installed quickly and are designed to make building entrances handicap accessible, ensuring your business is ADA compliant.

- These kits feature a 16 gauge steel frame and 18 gauge steel door panel to provide strength, durability and long lifespan.
- Frame is welded and prepped for wall installation with door hung in frame. Includes high-performance sweep and threshold combination for tight seal.
- Doors are smooth and have a pre-painted white finish. Each door is 1-3/4" thick and contains rigid polystyrene foam to deliver R-value of 2.22.
- Designed with 4-1/2" x 4-1/2" stainless steel hinges and 10 gauge hinge reinforcements. Includes three hinges per door panel.
- These door kits can be customized to work with all building types.
- Available in left hand swing door (117256LHFK), right hand swing door (117256RHFK) and left and right hand double swing door (117257LHRHFK).
- Kits come complete with kick plate, lock set, panic bar, automatic door closer and ADA compliant threshold. Double doors (117257LHRHFK) feature removable center mullion.
- Single door is 36"W x 80"H. Double doors are 72"W x 80"H.

PLYCO® ADA PREHUNG DOOR KITS

STK#	ITEM	EACH
117256LHFK	3068 ADA Prehung Door Kit	$3,620.00
117256RHFK	3068 ADA Prehung Door Kit	3,620.00
117257LHRHFK	6068 ADA Prehung Door Kit	5,396.00



The ClearSpan™ HD Beam Building ensures superior durability and is one of the strongest fabric structures available.

- This structure is constructed with ClearSpan's Beam frame, which allows the structure to be designed at a larger scale without losing strength or structural integrity.
- The HD Beam Building is covered with the exclusive ClearSpan Armor Shield Cover. The cover is made from 29 oz architectural vinyl and was created to ensure maximum strength. The ultra-reliable material features a seven-layer construction and has been extensively tested to ensure decades of use.
- I-Beam frame, purlins and secondary framing are all constructed from grade 50 steel and finished with gray primer.
- 12' nominal eave height with 10' minimum clearance height at the eave. 18" eave extensions.
- 4:12 roof pitch.
- Available with solid end walls and end walls with doors. Buildings that are 30' and 40' wide have a door frame of 12'W x 12'H and one man door. All wider buildings have a door frame of 14'W x 14'H and one man door.
- ClearSpan manufactures these buildings in-house, creating a streamlined building process that is reflected in the low cost per sq. ft.
- Industry-leading warranties allow customers rest assured that this building will be in use decades into the future. HD Beam Buildings come with a 50 year frame warranty and a 30 year warranty on the Armor Shield Cover.

CLEARSPAN™ HD BEAM BUILDINGS

	30'W		40'W		50'W	
LENGTH	STK#	EACH	STK#	EACH	STK#	EACH
40'	IB30AA040	$ 27,635.00	IB40AA040	$ 30,649.00	IB50AA040	$ 35,409.00
60'	IB30AA060	38,745.00	IB40AA060	42,875.00	IB50AA060	49,385.00
80'	IB30AA080	48,859.00	IB40AA080	55,255.00	IB50AA080	63,515.00
100'	IB30AA100	61,135.00	IB40AA100	67,965.00	IB50AA100	79,075.00
120'	IB30AA120	72,565.00	IB40AA120	80,195.00	IB50AA120	91,945.00
140'	IB30AA140	83,679.00	IB40AA140	92,095.00	IB50AA140	105,915.00
160'	IB30AA160	94,955.00	IB40AA160	104,799.00	IB50AA160	119,889.00
180'	IB30AA180	106,065.00	IB40AA180	117,255.00	IB50AA180	133,855.00
200'	IB30AA200	117,499.00	IB40AA200	129,879.00	IB50AA200	147,659.00

	60'W		70'W		80'W	
LENGTH	STK#	EACH	STK#	EACH	STK#	EACH
40'	IB60AA040	$ 38,745.00	IB70AA040	$ 43,505.00	IB80AA040	$ 46,995.00
60'	IB60AA060	60,339.00	IB70AA060	63,515.00	IB80AA060	65,095.00
80'	IB60AA080	69,229.00	IB70AA080	77,329.00	IB80AA080	83,525.00
100'	IB60AA100	84,475.00	IB70AA100	94,165.00	IB80AA100	101,615.00
120'	IB60AA120	100,035.00	IB70AA120	111,465.00	IB80AA120	120,355.00
140'	IB60AA140	117,019.00	IB70AA140	128,455.00	IB80AA140	138,619.00
160'	IB60AA160	130,519.00	IB70AA160	145,279.00	IB80AA160	156,725.00
180'	IB60AA180	145,765.00	IB70AA180	161,955.00	IB80AA180	174,979.00
200'	IB60AA200	161,479.00	IB70AA200	179,425.00	IB80AA200	193,709.00

Add color code to end of STK# to indicate color choice.

CLEARSPAN™ END WALLS

SOLID END WALL			END WALL W/ DOOR FRAME	
STK#	EACH	WIDTH	STK#	EACH
IB30AAE0	$3,179.00	30'	IB30AAE1	$4,125.00
IB40AAE0	4,125.00	40'	IB40AAE1	5,079.00
IB50AAE0	4,929.00	50'	IB50AAE1	5,879.00
IB60AAE0	6,199.00	60'	IB60AAE1	7,149.00
IB70AAE0	7,309.00	70'	IB70AAE1	8,259.00
IB80AAE0	8,909.00	80'	IB80AAE1	9,849.00

Add color code to end of STK# to indicate color choice.

Guillotine Vents look great and allow users to quickly ventilate their beam building.

- This vent features a sliding polycarbonate window that allows light into the building. The window slides down, providing passive ventilation.
- Vents are powered by a 115 V single-phase electric motor. Controls are sold separately.
- Vents come in heights of 4' and 5' and lengths of 20', 40' and 60'.
- Designed specifically for ClearSpan I-beam buildings.
- Support framing sold separately.

CLEARSPAN GUILLOTINE VENTS

STK#	SIZE	EACH
BGV04X20	4'H x 20'L	$3,299.00
BGV04X40	4'H x 40'L	5,089.00
BGV04X60	4'H x 60'L	6,649.00
BGV05X20	5'H x 20'L	3,749.00
BGV05X40	5'H x 40'L	5,995.00
BGV05X60	5'H x 60'L	8,099.00

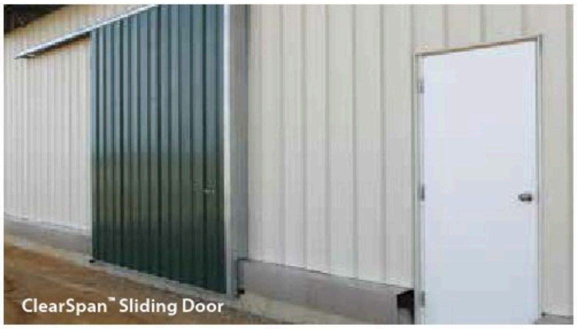
Support a fresh, healthy environment in any building with the Slant Back Roof Vent Kit.

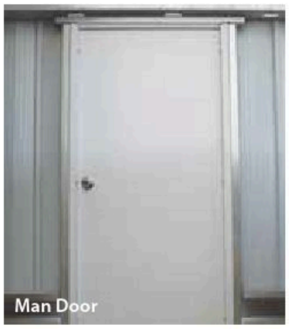
- This vent kit promotes proper interior air flow by allowing hot, stale air to escape through the roof.
- Features ultra-durable construction. The vent is made from high-impact, UV-stable plastic that ensures a long, rust-free life.
- Black in color.
- Kit comes with slant back roof vent (1), vent backer plate (2), 3/8" x 1" SS cap screw (12), 3/8" zinc locknut (12) and quad clear sealant.

SLANT BACK ROOF VENT KIT

STK#	EACH
116979K	$209.00

⚠ **WARNING:** Cancer and Reproductive Toxicity - P65Warnings.ca.gov

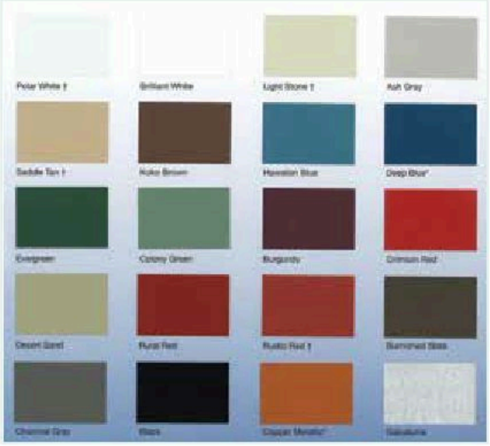

ClearSpan™ Sliding Door


Man Door

Rolling Steel Door

Combining ultimate strength and the ability to build any size, the ClearSpan™ Metal Building provides a versatile solution that can be customized to meet any application.

- The Metal Building utilizes ClearSpan's™ beam construction, which allows buildings to be built to nearly any size without losing structural strength and integrity.
- Numerous metal cladding options allow customers to create a building that is ideal for them. Durable cladding is made from grade 80 steel and available in either 24 or 26 gauge.
- Beam frame, purlins and secondary framing are all constructed from grade 50 steel and available in red, grey and galvanized steel.
- Cladding features multiple channel designs, including "R" panel, AG panel and "U" panel, and is available in numerous colors.
- Available with solid end walls and end walls with doors.
- These structures are manufactured in-house, so ClearSpan™ is able to streamline the building process and cost, leading to a structure that has a low cost per square foot.
- Industry-leading warranties ensure that the Metal Building will last decades into the future. 50 year warranty on frame, 40 year paint warranty and a 1 year workmanship warranty.


Polar White
Brilliant White
Light Stone
Ash Gray
Saddle Tan
Koko Brown
Hawaiian Blue
Deep Blue
Evergreen
Colony Green
Burgundy
Crimson Red
Desert Sand
Rural Red
Rustic Red
Burnished Slate
Charcoal Gray
Black
Copper Metallic
Galvalume

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

Designed for ultimate strength and dependability, ClearSpan™ Enclosed HD Metal Buildings offer a reliable long-term solution that can meet just about any application.

- These durable, fully-enclosed buildings utilize ClearSpan's beam construction, which provides the utmost structural integrity at nearly any size.
- Beam frame, purlins and secondary framing are all constructed from grade 55 steel.
- Roof and wall panels are made from painted 26 gauge R-Loc™.
- Buildings are rated for up to 115 mph winds and up to 30 psf ground snow load.
- Roof pitch is 1:12.
- Offered in either 14' or 18' exterior eave heights.
- Buildings come enclosed. Door kit sold separately to complete your structure.
- Available in the customers' choice of two color combinations: Gray with Charcoal roof, trim and wainscot (G) or Light Stone with Hunter roof, trim and wainscot (T).
- Custom structures and colors are available upon request.
- Industry leading warranties ensure that the Enclosed HD Metal Building will last decades into the future. 50 year warranty on frame and 40 year limited paint warranty.

CLEARSPAN™ ENCLOSED HD METAL BUILDINGS

	50'L	75'L	100'L	125'L	150'L	175'L	200'L
30'W	ME30050	ME30075	ME30100	—	—	—	—
40'W	ME40050	ME40075	ME40100	—	—	—	—
50'W	ME50050	ME50075	ME50100	—	—	—	—
60'W	—	ME60075	ME60100	ME60125	ME60150	—	—
70'W	—	ME70075	ME70100	ME70125	ME70150	ME70175	ME70200
80'W	—	ME80075	ME80100	ME80125	ME80150	ME80175	ME80200

First, add 14 or 18 after STK# to indicate eave height. Then, add color code after eave height to specify color choice. Gray with Charcoal (G), Light Stone with Hunter (T). EX: ME3005014G

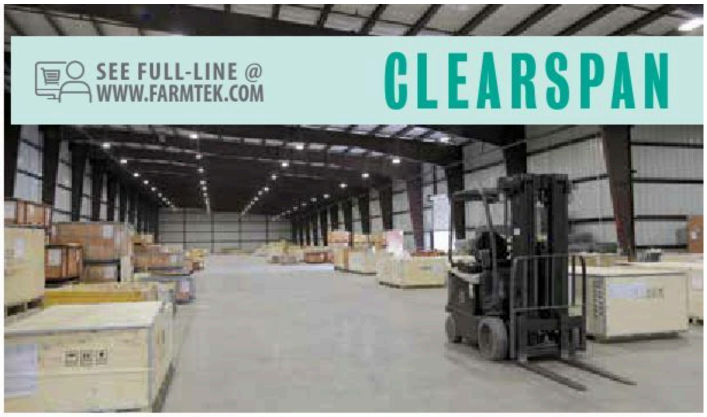
ClearSpan™ Pavilion HD Metal Buildings combine ultimate durability and an open wall design to create the ideal covered environment.

- Pavilion HD Metal Buildings utilize ClearSpan's beam construction, allowing them to maintain structural strength and integrity at nearly any size.
- Buildings feature open end walls and sidewalls to provide maximum ventilation.
- Framing and purlins are constructed from grade 55 steel.
- Roof is constructed from painted 26 gauge R-Loc™.
- Rated for up to 115 mph winds and up to 30 psf ground snow load.
- Roof pitch is 1:12.
- 14' or 18' exterior eave heights are available.
- Offered in the customers' choice of two colors: Charcoal (G) or Light Stone (T).
- Buildings and colors can be customized upon request.
- These structures are designed to last decades and are backed by a 50 year warranty on the frame and a 40 year limited paint warranty.

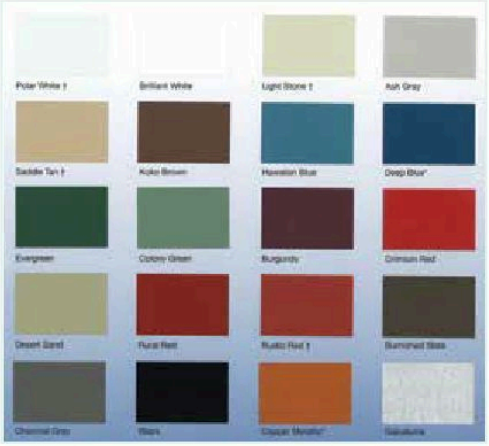
CLEARSPAN™ PAVILION HD METAL BUILDINGS

	50'L	75'L	100'L	125'L	150'L	175'L	200'L
30'W	MP30050	MP30075	MP30100	—	—	—	—
40'W	MP40050	MP40075	MP40100	—	—	—	—
50'W	MP50050	MP50075	MP50100	—	—	—	—
60'W	—	MP60075	MP60100	MP60125	MP60150	—	—
70'W	—	MP70075	MP70100	MP70125	MP70150	MP70175	MP70200
80'W	—	MP80075	MP80100	MP80125	MP80150	MP80175	MP80200

First add 14 or 18 after STK# to indicate eave height. Then, add color code after eave height to specify color choice. Charcoal (G), Light Stone (T). EX:MP3005014G.



The ClearSpan™ HD Hybrid Building combines the strength of a metal building with the benefits of a fabric structure.



- ClearSpan's HD Hybrid Building features a steel I-Beam frame that is clad on the side walls with metal cladding and ClearSpan's Armor Shield fabric is used for the roof.
- The exclusive Armor Shield Cover is made from 29 oz. architectural vinyl, which provides superior strength and comes with a 30 year warranty.
- I-Beam frame, purlins and secondary framing are made from grade 50 steel and finished with a gray primer. I-Beam frames feature a 50 year warranty.
- The metal cladding is made from grade 80 metal that is 26 gauge, and it is available in R-panel profiles. Metal cladding comes with a 25 year warranty.
- 12' nominal eave height with 10' minimum clearance height at the eave. 18" eave extension and 4:12 roof pitch. Nominal bay width is 20'. Other bay widths, heights and roof pitches may be custom designed.
- Available with solid end walls or end walls with framing for doors.
- Buildings come with a choice for four colors for the fabric cover and choice of 20 colors for the metal sides, ends and trim.
- The HD Hybrid Building boasts industry-leading warranties, so users are sure their building will last decades into the future.

ClearSpan™ ClearView Roll-Up Sidewall Panels are a versatile addition to any fabric or metal building that features an I-Beam frame, allowing operations to control their interior environment by seamlessly transitioning between open and closed sidewalls.

- Roll-up panels are made from durable 22 oz. vinyl fabric and are ideal for use with indoor pickleball facilities.
- When in the open position, this curtain system allows for completely open sidewalls, which enables fresh air and natural light to permeate the structure. Static vertical anti-billow pipes keep panels in place and are spaced approximately 8' apart within framed opening.
- While closed, the panels lock into place and offer protection from sun, wind and rain. Users can choose between window option (IBRP10X20CW & IBRP10X20CN) to provide clear view of outdoor environment or solid option (IBRP10X20SW & IBRP10X20SN) for total privacy.
- Systems utilize manual gear box with static roll-bar at the top of the framed opening onto which panels will roll.
- Each curtain system spans distance of one bay, or the distance between rafter legs on a single side. Intended for use on I-Beam frames with 20' spacing and an existing 10'H header, but can be easily customized to fit smaller dimensions.
- Additional information required when retrofitting an existing structure.
- Available in customer's choice of white or green color.
- Temperatures below -10°F can affect window performance.

CLEARSPAN™ CLEARVIEW ROLL-UP SIDEWALL PANELS

STK#	COLOR	WINDOW	EACH
IBRP10X20CW	White	Yes	$2,665.00
IBRP10X20CN	Green	Yes	2,665.00
IBRP10X20SW	White	No	2,665.00
IBRP10X20SN	Green	No	2,665.00

W
N
COLORS
WE PLAY PICKLEBALL
FOR THE FUN OF THE GAME!

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

GROWspan™

greenhouse structures

Since 1979, GrowSpan has been providing superior greenhouse and growing structure solutions.

These versatile and dependable structures can be tailored to any growing industry, including fruits and vegetables, cannabis, education and research, nursery growing, retail and much more. GrowSpan™ can meet the needs of any customer, and offers a full line of commercial, venlo and hobby structures. Each structure can be customized down to the most minute detail, and GrowSpan's Greenhouse Specialists can help size out all appropriate growing equipment and systems.

THE GROWSPAN ADVANTAGE INCLUDES

- Expert design and consultation
- Stamped engineered drawings available
- In-house installation services
- Post installation support
- Year-round growing, complete environmental control

HOBBY

COMMERCIAL

VENLO

GROWSPAN

Turn Any Greenhouse into a Production Powerhouse. GrowSpan provides everything growers need to maintain a thriving growing environment 365 days a year in any region. From energy-efficient heaters and evaporative cooling walls to humidity control and irrigation, GrowSpan will have crops thriving. GrowSpan also offers HydroCycle Grow Systems, which provide growers with custom hydroponic solutions.

GROWSPAN SYSTEMS INCLUDE

- HydroCycle Growing Systems
- HVAC
- Greenhouse Controllers
- Evaporative Cooling Walls
- Lighting
- Humidity Control
- Shade Systems
- Benches
- Irrigation & Fertigation

The Industry's Best Greenhouse Designers

GrowSpan's Greenhouse Specialists help customers every step of the way through the design process. They have years of industry and growing experience and can offer invaluable advice not only in design, but also in integrating a structure into an existing business. Greenhouse Specialists are available Monday through Friday, so call to speak with one about your project.

ZACH - *Senior Greenhouse Designer*

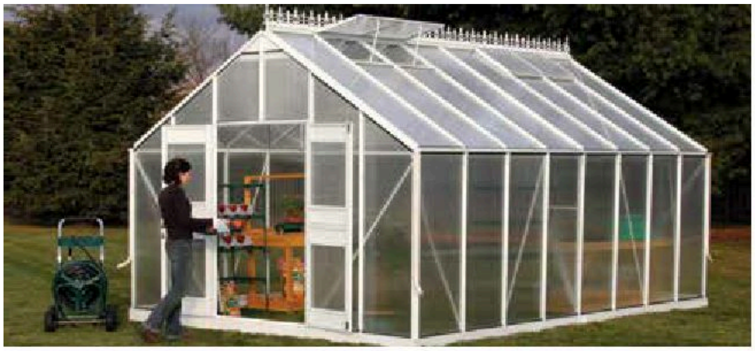
BENCHES

SHADE SYSTEMS

CONTROLLERS

LIGHTING

HYDROPONICS



Estate Elite Greenhouses, the ultimate in backyard growing.

- 5'H sidewalls give you more growing space, as well as more headroom.
- Panels are constructed from UV-stabilized 6 mm polycarbonate for superior heat retention and hot-spot reduction.
- Heavy Duty, powder-coated aluminum profiles create a stable and sturdy frame.
- Frame has a bright white, powder-coated finish that is attractive in any backyard.
- Decorative peak adds elegance and beauty.
- 9'1"W units have one 2'6"W Dutch door. 11'8"W units have total door width of 3'10" (one 23"W Dutch door and one 23"W standard entry door). All are 6'H and come complete with rugged stainless steel locking door handle and nickel-plated dead bolt.
- Multiple vents offer improved air circulation.
- For automatic climate control and optimum growing conditions, install our energy-saving Univent Autmatic Vent Opener (104037), sold separately.
- Use SunBlocker™ Black Knitted 60% Shade Panel during extreme heat to eliminate heat stress and to ensure optimum plant growth.
- We recommend using the powder-coated steel base, sold below.
- 10 year warranty on both frame and polycarbonate.

Ground Anchor for GrowSpan Estate Pro Greenhouses

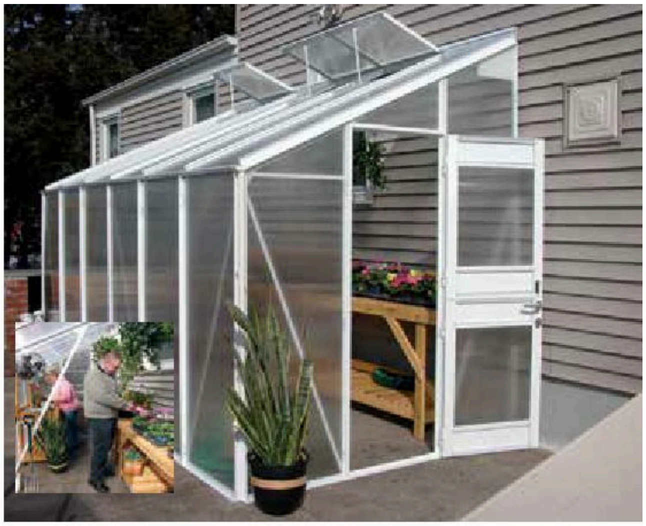
- 17-gauge, 2' x 1.315" OD galvanized ground post anchor.
- Each comes complete with carriage bolts, washers and nuts.
- Minimum recommendation is six anchors per greenhouse.

104778

GROWSPAN ESTATE ELITE GREENHOUSES

STK#	ITEM	DOORS	ROOF VENTS	EACH
104605	9'1"W x 8'3"H x 12'2"L	1	4 Double	$2,809.00
104606	Steel Base for 104605	–	–	195.00
104243	14' x 12' Black Knitted 60% Shade Panel for 104605–			150.95
104609	11'8"W x 8'10"H x 16'6"L	2	4 Double	5,385.00
104610	Steel Base for 104609	–	–	245.00
104581	18' x 16' Black Knitted 60% Shade Panel for 104609–			205.95
104611	11'8"W x 8'10"H x 24'8"L	2	6 Double	7,839.00
104612	Steel Base for 104611	–	–	305.00
104244	18' x 24' Black Knitted 60% Shade Panel for 104611–			243.95
103600*	18" Ground Stake	–	–	7.15
FA1415*	31" Super Strap	–	–	2.21
104778	Ground Anchor	–	–	18.35

*Requires four to six to anchor shade panel.

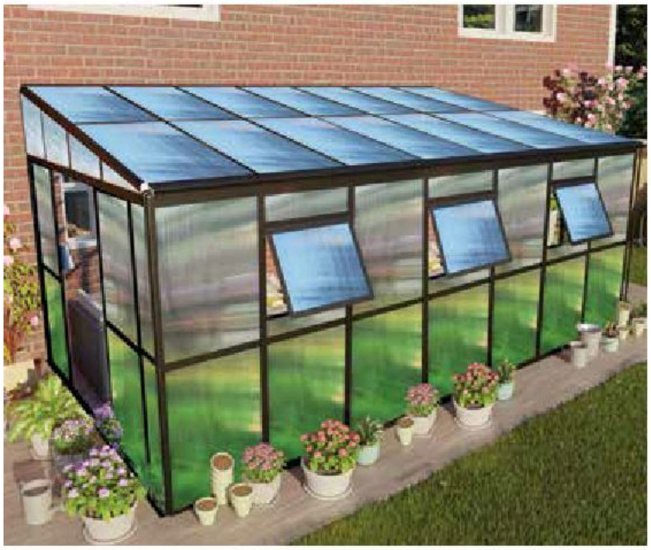


GrowSpan Estate Elite Attached Greenhouses extends your growing season.

- Excellent option when space is an issue.
- Suitable for use as a sun porch. Relax in your bug and pest-free sunroom addition.
- Designed to easily attach to your home, garage or shed.
- Comes complete with downspout and gutters and is attractive in any setting.
- Frame has a bright white, powder-coated finish.
- Heavy Duty, powder-coated aluminum profiles create a stable and sturdy frame.
- Panels are constructed from UV-stabilized 6 mm polycarbonate for superior heat retention and hot-spot reduction.
- Door can not be installed on opposite end.
- Multiple roof vents offer improved air circulation.
- We recommend using the powder-coated steel base sold below.
- For automatic climate control and optimum growing conditions, install our energy-saving Univent Autmatic Vent Opener (104037), sold separately.
- 6'H x 2'1"W single, hinged Dutch door allows for easy access and extra ventilation.
- Sidewall height: 5'3". Ridge height: 8'3".
- 10 year warranty on both frame and polycarbonate.

GROWSPAN ESTATE ELITE ATTACHED GREENHOUSES

STK#	ITEM	ROOF VENTS	EACH
104715	6'4"W x 16'6"L x 8'3"H	2 Double	$2,615.00
104716	Steel Base for 104715	–	179.00



The GrowSpan Estate Deluxe Attached Greenhouse is ideal for hobby growers with limited space, offering them an effective and functional structure that fits neatly on their property.

- This versatile greenhouse features a lean-to design that enables it to be installed directly next to a house or other existing structures.
- 9'6"W x 8'H x 16'7"L.
- Panels are constructed from 6mm twin-wall polycarbonate for superior heat retention and optimal light transmission.
- Heavy Duty aluminum frame provides exceptional durability in severe weather.
- All nuts and bolts on structure are invisible and frame features a black, powder-coated finish for a clean, professional appearance.
- Outfitted with two windows and two manual roof vents to ensure greater ventilation and air circulation amidst high temperatures.
- Innovative design with aluminum connectors allows for quick and easy assembly, significantly decreasing install time.
- Greenhouse comes complete with two doors, which can be installed on any side of the structure. One door per side.
- Users can choose between concrete anchoring or earth anchoring.
- Comes with 15 year warranty on frame and 4 year warranty on polycarbonate.

GROWSPAN ESTATE DELUXE ATTACHED GREENHOUSES

STK#	EACH
118616	$3,019.00

Top-quality greenhouse for the serious gardener, clubs, schools or any group that requires a larger growing area.

- 11'8"W x 8'10"H x 24'8"L.
- Sidewall height: 5'3".
- Door width: 3'10" (one 23"W Dutch door and one 23"W standard man door). Doors are 6'H and come complete with rugged stainless steel locking door handle and nickel-plated dead bolt.
- 2'W side panels are tough, 6 mm twin-wall polycarbonate.
- Multiple roof vents allow for proper ventilation.
- For best results, install the energy-saving, Univent Autmatic Vent Opener (104037), sold separately.
- Use SunBlocker™ Black Knitted 60% Shade Panels, sold separately, during extreme heat to eliminate heat stress and to ensure optimum plant growth.
- Optional galvanized steel base is recommended.
- 10 year warranty on both frame and polycarbonate.
- Includes 6 roof vents.

Ground Anchor for GrowSpan Estate Pro Greenhouses (104778)

- 17-gauge, 2' x 1.315" OD galvanized ground post anchor.
- Each comes complete with carriage bolts, washers and nuts.
- Minimum recommendation is six anchors per greenhouse.

104778

GROWSPAN ESTATE PRO LARGE GREENHOUSES AND ACCESSORIES

STK#	ITEM	EACH
103967	Estate Pro Large Greenhouse	$5,809.00
103968	Steel Base for 103967	285.00
104244	18' x 24' Black Knitted 60% Shade Panel for 103967	243.95
103600*	18" Ground Stake	7.15
FA1415*	31" Super Strap	2.21
104778	Ground Anchor	18.35

*Requires six to anchor shade panel.

The finest backyard hobby greenhouse for the serious home gardener or small professional nursery.

GrowSpan Estate Hobby Medium Greenhouse (104558): 9'1"W x 7'3"H x 9'9"L.
GrowSpan Estate Hobby Large Greenhouse (103993): 9'1"W x 7'3"H x 12'2"L.

- Constructed of sturdy aluminum framing, in attractive landscape green.
- Panels are of the toughest UV-stabilized 4 mm polycarbonate for superior heat retention and hot-spot reduction.
- Advanced features include corrosion-fighting gutters and end caps, weather-tight seams joining panels to frame and the ability to accommodate optional fans, heaters and benches.
- Use SunBlocker™ Black Knitted 60% Shade Panels, during extreme heat to eliminate heat stress and ensure optimum plant growth.
- Install the energy-saving Univent Autmatic Vent Opener (104037), sold separately.
- Optional galvanized steel base is recommended.
- Four adjustable roof vents.
- Door width: 3'11" (two 23-1/2"W x 5' 5"H sliding doors).
- Side panels are 4'H with a 7'3"H peak.
- 10 year warranty on both frame and polycarbonate.

GROWSPAN ESTATE HOBBY GREENHOUSES AND ACCESSORIES

STK#	ITEM	EACH
104558	Estate Hobby Medium Greenhouse	$1,479.00
104559	Steel Base for 104558	175.00
104579	14' x 9' Black Knitted 60% Shade Panel for 104558	140.95
103993	Estate Hobby Large Greenhouse	1,879.00
103994	Steel Base for 103993	209.00
104243	14' x 12' Black Knitted 60% Shade Panel for 103993	150.95
103600*	18" Ground Stake	7.15
FA1415*	31" Super Strap	2.21
104778	Ground Anchor	18.35

*Requires four to six to anchor shade panel.

Adjustable roof vents

GrowSpan Estate Pro Small Greenhouses have professional features at home gardener prices.

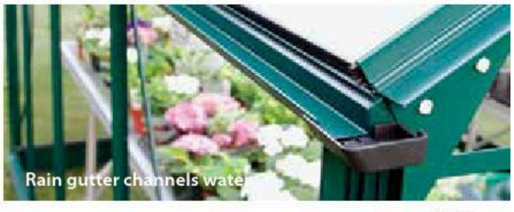
Dimensions:
GrowSpan Estate Hobby Small (103846): 7'2"W x 6'3"H x 9'9"L.

- 300 cu. ft. of growing space.
- Constructed of sturdy aluminum framing in landscape green.
- Panels are of the toughest, UV-stabilized 4 mm polycarbonate for superior heat retention and hot-spot reduction.
- Advanced features include corrosion-fighting gutters and end caps, weather-tight seams joining panels to frame and optional fans, heaters and benches.
- For best results, use optional galvanized steel base, sold below.
- Use energy-saving Univent Autmatic Vent Opener, sold separately, for automatic climate control and improved growing conditions.
- Two adjustable roof vents.
- 2'W x 5'5"H sliding door.
- Side panels are 4'H with 6'3"H peak.
- Use SunBlocker™ Black Knitted 60% Shade Panels, sold separately, during extreme heat to eliminate heat stress and to ensure optimum plant health.
- 10 year warranty on both frame and polycarbonate.

GROWSPAN ESTATE HOBBY SMALL GREENHOUSE

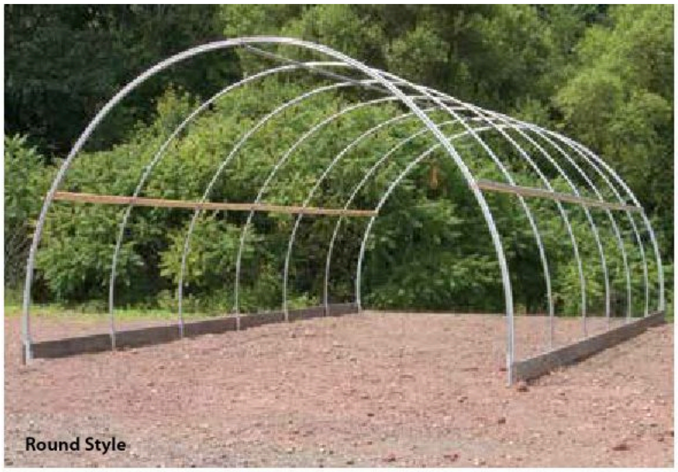
STK#	ITEM	EACH
103846	Estate Hobby Small Greenhouse	$1,279.00
103847	Steel Base	159.00
104242	10' x 10' Black Knitted 60% Shade Panel	109.95
103600*	18" Ground Stake	7.15
FA1415*	31" Super Strap	2.21
104778	Ground Anchor	18.35

*Requires four to anchor shade panel.

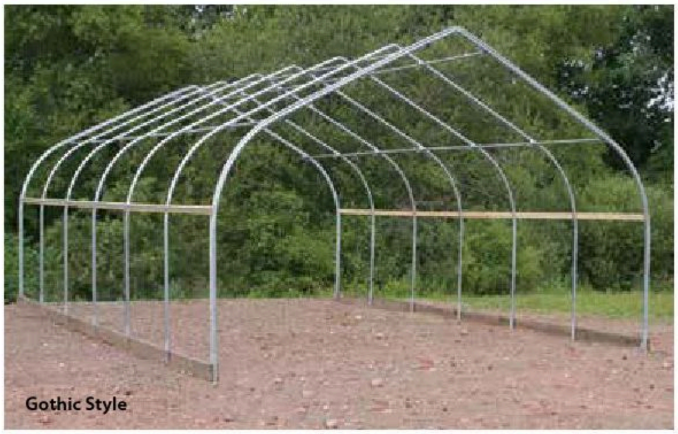


Rain gutter channels wate

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠



Round Style



Gothic Style

Ideal for starting seedlings or transitioning greenhouse plants prior to outdoor planting.

- Easy to assemble; no drilling or welding.
- Frame is manufactured from heavy-gauge, triple-galvanized structural steel tubing.
- 4' rafter spacing.
- Two styles to choose from, Gothic or Round.
- Gothic style has 4'H side walls. For added strength and durability, especially in heavy-snow areas, we recommend adding our Gothic-Style Support Packages, sold separately.
- All units come complete with ground posts.
- Baseboards are recommended. Our Recycled Plastic Lumber, sold separately, is ideal.

GROWSPAN ROUND COLD FRAMES

	24'L		36'L		48'L		REQUIRED POLY WIDTH*	CENTER HEIGHT	# OF PURLINS	PIPE SIZE AND GAUGE
WIDTH	STK#	EACH	STK#	EACH	STK#	EACH				
8'	103083	$1,035.00	105002	$1,489.00	103084	$1,925.00	28'	8' 5"	1	1.315"/17 ga
10'	103087	889.00	105003	1,255.00	103088	1,565.00	28'	8'7-1/16"	1	1.315"/17 ga
12'	103099	935.00	105006	1,345.00	103100	1,789.00	28'	8'7-9/16"	1	1.315"/17 ga
14'	103101	1,015.00	105009	1,809.00	103102	2,315.00	28'	8'5-7/16"	1	1.315"/17 ga
20'	103103	1,659.00	105012	2,355.00	103104	3,035.00	36'	10'7-9/16"	3	1.66"/14 ga
26'	103106	1,825.00	105015	2,765.00	103107	3,699.00	42'	13'1/4"	4	1.66"/14 ga
38'	–	–	–	–	103757	6,499.00	52'	15'3-1/4"	9	2.375"/14 ga
	60'L		72'L		96'L					
10'	105004	$1,969.00	105005	$2,275.00	103089	$ 2,765.00	28'	8'7-1/16"	1	1.315"/17 ga
12'	105007	2,125.00	105008	2,449.00	102859	2,909.00	28'	8'7-9/16"	1	1.315"/17 ga
14'	105010	2,369.00	105011	2,635.00	103086	3,235.00	28'	8'5-7/16"	1	1.315"/17 ga
20'	105013	3,735.00	105014	4,085.95	103105	4,989.00	36'	10'7-9/16"	3	1.66"/14 ga
26'	105016	4,599.00	105017	5,079.00	102861	6,239.00	42'	13'1/4"	4	1.66"/14 ga
38'	105018	8,129.00	105019	8,909.00	103758	11,315.00	52'	15'3-1/4"	9	2.375"/14 ga

*Poly coverings sold separately.

GROWSPAN GOTHIC COLD FRAMES

	24'L		36'L		48'L		REQUIRED POLY WIDTH*	CENTER HEIGHT	# OF PURLINS	PIPE SIZE AND GAUG
WIDTH	STK#	EACH	STK#	EACH	STK#	EACH				
14'	113355	$1,659.00	113356	$2,375.00	113357	$2,989.00	36'	10'-6"	4	1.66"/14 ga
18'	106318	1,849.00	106319	2,635.00	106320	3,325.00	36'	11'6-3/4"	4	1.66"/14 ga
20'	106324	1,975.00	106325	2,765.00	106326	3,509.00	36'	12'	4	1.66"/14 ga
24'	106330	2,329.00	106331	3,315.00	106332	4,149.00	40'	12'	4	1.66"/14 ga
26'	106336	2,475.00	106337	3,455.00	106338	4,465.00	48'	12'	4	1.66"/14 ga
30'	106342	2,765.00	106343	4,019.00	106344	4,989.00	48'	12'	6	1.90"/14 ga
34'	106348	3,045.00	106349	4,149.00	106350	5,119.00	48'	12'	6	1.90"/14 ga
	60'L		72'L		96'L					
14'	113358	$3,729.00	113359	$4,355.00	113360	$5,109.00	36'	10'-6"	4	1.66"/14 ga
18'	106321	4,165.00	106322	4,739.00	106323	5,549.00	36'	11'6-3/4"	4	1.66"/14 ga
20'	106327	4,445.00	106328	5,059.00	106329	5,969.00	36'	12'	4	1.66"/14 ga
24'	106333	5,095.00	106334	5,919.00	106335	6,829.00	40'	12'	4	1.66"/14 ga
26'	106339	5,549.00	106340	6,309.00	106341	7,339.00	48'	12'	4	1.66"/14 ga
30'	106345	5,909.00	106346	6,789.00	106347	8,679.00	48'	12'	6	1.90"/14 ga
34'	106351	6,215.00	106352	7,065.00	106353	9,059.00	48'	12'	6	1.90"/14 ga

*Poly coverings sold separately.

GrowSpan Straight Sided Cold Frames provide a comfortable growing environment.

- Encourages better air circulation, with less humidity and more stable air temperature.
- Constructed from 14-gauge, triple-galvanized structural steel tubing.
- 20'W models have a 4'6" sidewall height and a 9'6" height at peak.
- 28'W models have a 4' sidewall height and an 11' height at peak.
- Ground posts and purlins included.
- Can be covered with greenhouse film, shade cloth or lightweight PolyMax® fabric, all sold separately. 20'W requires 32'W film. 28'W requires 42'W film.
- Top and bottom baseboards are recommended. Our Recycled Plastic Lumber, sold separately, is ideal.

Expand your existing Cold Frame with one of our Cold Frame Rafter Kits. Any length, any spacing. Gain additional, valuable growing space.

- Rafter Kits add extra strength and durability, particularly in heavy-snow areas.
- Kits come complete with two ground posts.
- Simply add purlins and cross connectors, sold separately, as needed.

Rafter Kit Accessories

- Universal swaged purlins are manufactured from 17-gauge, triple-galvanized structural steel tubing and are corrosion resistant.
- 1.315" OD, 1-3/16" ID, 3" swage.
- Unique aluminum universal cross connectors are ideal for purlin-to-rafter connections and will add strength to your greenhouse.

GROWSPAN STRAIGHT SIDED COLD FRAMES

STK#	SIZE	PIPE DIMENSION	RAFTER SPACING	PURLINS	EACH
104224	20'W x 24'L	1.66"	6'	3	$1,595.00
105038	20'W x 36'L	1.66"	6'	3	2,395.00
104225	20'W x 48'L	1.66"	6'	3	3,035.00
105039	20'W x 60'L	1.66"	6'	3	3,585.00
105040	20'W x 72'L	1.66"	6'	3	3,879.00
104226	20'W x 96'L	1.66"	6'	3	4,695.00
104221	20'W x 24'L	1.66"	4'	1	1,759.00
105041	20'W x 36'L	1.66"	4'	1	2,625.00
104222	20'W x 48'L	1.66"	4'	1	3,325.00
105042	20'W x 60'L	1.66"	4'	1	3,879.00
105043	20'W x 72'L	1.66"	4'	1	4,419.00
104223	20'W x 96'L	1.66"	4'	1	5,585.00

Film covering sold separately.

STK#	SIZE	PIPE DIMENSION	RAFTER SPACING	PURLINS	EACH
104381	28'W x 24'L	1.90"	6'	3	$2,309.00
105044	28'W x 36'L	1.90"	6'	3	3,285.00
104382	28'W x 48'L	1.90"	6'	3	4,145.00
105045	28'W x 60'L	1.90"	6'	3	4,989.00
105046	28'W x 72'L	1.90"	6'	3	5,639.00
104383	28'W x 96'L	1.90"	6'	3	6,649.00
104378	28'W x 24'L	1.90"	4'	3	2,435.00
105047	28'W x 36'L	1.90"	4'	3	3,599.00
104379	28'W x 48'L	1.90"	4'	3	4,569.00
105048	28'W x 60'L	1.90"	4'	3	5,395.00
105049	28'W x 72'L	1.90"	4'	3	6,199.00
104380	28'W x 96'L	1.90"	4'	3	7,309.00

Film covering sold separately.

Universal Cross Connector

STRAIGHT SIDED COLD FRAME RAFTER KITS

STK#	WIDTH	PIPE DIMENSION	EACH
107028	20'	1.66"	$285.00
107029	28'	1.90"	349.00

UNIVERSAL GALVANIZED SWAGED PURLINS

STK#	LENGTH	EACH	50 & UP
131S075	75"	$19.55	$18.79
131S096	96"	19.69	18.95

UNIVERSAL CROSS CONNECTORS

STK#	FITS PIPE OD	EACH	200 & UP
102548	1.66" x 1.315"	$2.39	$2.29
102547	1.90" x 1.315"	4.19	4.05

Universal End Frames

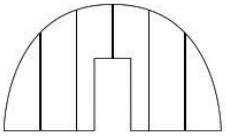
- Durable in all environments.
- Manufactured from 16-gauge, 1.5" square, triple-galvanized structural steel tubing.
- Vertical metal studs are installed on 2' centers and can be covered with any material of your choice.
- Door, fan and shutter openings are easily created on the jobsite.
- Polycarbonate cladding kits are available for Universal End Frames. The 8mm twin-wall polycarbonate is available in clear and white-black-white options. These kits cover a single end wall and come with all the required accessories.
- Ask one of our National Account Managers for recommendations for the fans, shutters, doors and coverings that will best suit your exact needs.

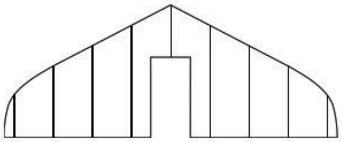
UNIVERSAL END FRAMES

STK#	FITS FRAME WIDTHS	EACH
107939	12'-16'	$ 845.00
107940	17'-20'	975.00
107941	21'-24'	1,055.00
107942	25'-28'	1,169.00
107943	29'-32'	1,295.00
107944	32'-36'	1,379.00

POLYCARBONATE END FRAME CLADDING KITS

STK#	TYPE	FITS FRAME WIDTHS	EACH
116796	Clear	Up to 20'W	$ 745.00
116796B	Blackout	Up to 20'W	1,379.00
116797	Clear	21'-26'W	1,035.00
116797B	Blackout	21'-26'W	1,965.00
116798	Clear	27'-30'W	1,099.00
116798B	Blackout	27'-30'W	2,025.00





WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

GrowSpan™ Single Bay High Tunnels are available in 24' and 28' widths.

- These economically priced high tunnels reap payback with most crops in just 2 to 3 years.
- Plant earlier, harvest late into fall or early winter.
- Frames are manufactured from our 14-gauge, triple-galvanized structural steel tubing.
- 24'W high tunnels use 1.66" OD pipe. 28'W high tunnels use 1.90" OD pipe.
- Our Sunmaster™ 6 mil 4 year clear greenhouse film covering is made from strong copolymer resin for strength and durability. Anti-dust additives repel dirt and dust and allow for 92% light transmission.
- Tri-layer film has UV additives and comes with a 4 year warranty.
- End Panels are manufactured from our 10 oz. 22 mil clear premium rip-stop greenhouse fabric and each comes complete with 20'W x 10'H Roll-Up Door that utilizes our Hand-Crank Assembly.
- Purchase 4 x 4s locally to strengthen and finish off the ends.
- Enjoy the advantages of a well-sealed tunnel when needed during the cold months or early production. During the late spring and hot summer months, enjoy the benefits of full ventilation. Unique cross-bracing feature adds extra strength and durability.
- Rafter spacing: 7'. Sidewall height: 4'.
- Ridge purlin and Heavy Duty ground posts are included.

GROWSPAN SINGLE BAY HIGH TUNNELS

STK#	SIZE	EACH
108203	24'W x 11'1-1/8"H x 56'L	$ 3,795.00
108204	24'W x 11'1-1/8"H x 105'L	6,379.00
108205	24'W x 11'1-1/8"H x 154'L	8,729.00
108206	24'W x 11'1-1/8"H x 203'L	10,919.00
108207	28'W x 10'11-1/2"H x 56'L	4,379.00
108208	28'W x 10'11-1/2"H x 105'L	7,095.00
108209	28'W x 10'11-1/2"H x 154'L	10,785.00
108210	28'W x 10'11-1/2"H x 203'L	13,495.00

GrowSpan Economy Cold Frames

- Choose from a large selection of frame widths and lengths.
- Frames are made from 19-gauge, 1.05" OD, triple-galvanized structural steel tubing, with 5' rafter spacing and one purlin.
- Extra rafter kits are available, as well as pipe for additional purlins.
- To provide stability and durability for your frame, we recommend using our Recycled Plastic Lumber for upper and lower baseboards. UV stabilizers protect this lumber and it will not rot, split, crack or splinter. Sold separately.
- Available frame only or choose frame with 6 mil 4 year greenhouse film, just like the professionals use. Film contains UV block, which helps to reduce the harmful effects of ultraviolet radiation while providing a more comfortable working environment, and an anti-dust additive for better film clarity over the life of the covering. 8' single U-Channels and Stainless Steel Springs are included with purchase of Cold Frame with Film to provide a professional, finished appearance (not included with frame-only option).
- Ground posts and post driver are included for anchoring.

GROWSPAN ECONOMY COLD FRAMES

STK#	SIZE	COLD FRAME	COLD FRAME WITH FILM*
105158F	6'W x 7'H x 5'L	$205.00	$ 339.00
105159F	6'W x 7'H x 10'L	259.00	409.00
105160F	6'W x 7'H x 15'L	325.00	499.00
105161F	6'W x 7'H x 20'L	379.00	545.00
105163F	8'W x 7'H x 10'L	275.00	415.00
105164F	8'W x 7'H x 15'L	379.00	545.00
105165F	8'W x 7'H x 20'L	439.00	715.00
105166F	8'W x 7'H x 25'L	525.00	755.00
105167F	8'W x 7'H x 30'L	609.00	839.00
105169F	10'W x 7'H x 10'L	325.00	499.00
105170F	10'W x 7'H x 20'L	445.00	735.00
105171F	10'W x 7'H x 30'L	575.00	985.00
105172F	10'W x 7'H x 40'L	729.00	1,189.00
105173F	10'W x 7'H x 50'L	849.00	1,445.00
105175F	12'W x 7'H x 10'L	349.00	575.00
105176F	12'W x 7'H x 20'L	479.00	1,025.00
105177F	12'W x 7'H x 30'L	625.00	1,155.00
105178F	12'W x 7'H x 40'L	755.00	1,269.00
105179F	12'W x 7'H x 50'L	889.00	1,455.00

*To order Cold Frame with Film, add F to the end of your STK# (ex. 105179FF).

⚠ **WARNING:** Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Start seeds like the pros, or grow herbs, tomatoes, vegetables, tropical fruits and flowers.

- Available in either Round or Gothic style.
- Frame is manufactured from high-quality, Heavy Duty, triple-galvanized structural steel tubing, with 4' rafter spacing.
- Cover is manufactured from 7.5 oz., 16 mil translucent rip-stop woven polyethylene that offers 80% light transmission and has a long life expectancy.
- Heavy Duty aluminum entry door is 36"W x 80"H and comes complete with 6 mm polycarbonate sections at top and bottom, stainless steel hinges and latch.
- Rear panel is double-zippered to allow for cross ventilation.
- Baskets can be hung neatly and attractively from purlins. Additional purlins, for your growing needs, can be added with our exclusive universal cross connectors.
- Ground posts are included.

GROWSPAN GOTHIC HOBBY PRO GREENHOUSES

STK#	SIZE	PIPE SIZE AND GAUGE	EACH
104883	12'W x 8'6"H x 16'L	1.315"/17 ga	$2,389.00
104884	12'W x 8'6"H x 20'L	1.315"/17 ga	2,669.00
104885	12'W x 8'6"H x 24'L	1.315"/17 ga	2,915.00
104886	14'W x 8'6"H x 16'L	1.315"/17 ga	2,885.00
104887	14'W x 8'6"H x 20'L	1.315"/17 ga	3,129.00
104888	14'W x 8'6"H x 24'L	1.315"/17 ga	3,389.00
104889	16'W x 8'6"H x 16'L	1.66"/14 ga	3,349.00
104890	16'W x 8'6"H x 20'L	1.66"/14 ga	3,509.00
104891	16'W x 8'6"H x 24'L	1.66"/14 ga	3,645.00

GROWSPAN ROUND HOBBY PRO GREENHOUSES

STK#	SIZE	PIPE SIZE AND GAUGE	EACH
104877	12'W x 8'H x 16'L	1.315"/17 ga	$2,175.00
104878	12'W x 8'H x 20'L	1.315"/17 ga	2,525.00
102848	12'W x 8'H x 24'L	1.315"/17 ga	2,645.00
104879	14'W x 8'H x 16'L	1.315"/17 ga	2,689.00
104880	14'W x 8'H x 20'L	1.315"/17 ga	2,905.00
103556	14'W x 8'H x 24'L	1.315"/17 ga	3,089.00
104881	16'W x 8'H x 16'L	1.66"/14 ga	2,769.00
104882	16'W x 8'H x 20'L	1.66"/14 ga	3,189.00
103557	16'W x 8'H x 24'L	1.66"/14 ga	3,455.00

GrowSpan Series 550 High Tunnel Greenhouses can be utilized for either season extension or year-round production, allowing growers to take advantage of a tall, versatile design that makes it easier to improve yields and maximize output.

- S550 High Tunnel Greenhouses are covered with a 6 mil, single-layer anti-condensate film that offers 96% light transmission and superior condensation control.
- These structures be outfitted with a second layer of film, and then inflated between the two layers to significantly increase R-value, supplying growers with a structure capable of year-round production.
- Inflatable double film kit (118769 & 118770) sold separately. Kit comes with everything needed for lasting performance and easy installation, including wiggle wire, 6 mil thermal greenhouse film, repair tape and two air inflation systems.
- Tunnel greenhouses employ a tall, gothic arch-style design with a slight slope, helping to reduce heat and humidity and providing growers with abundant interior space. Constructed with 8'H sidewalls and a peak height of 16'H.
- Frames are manufactured from 16-gauge, 1" x 3" oval galvanized steel pipe.
- End walls are made from Heavy Duty aluminum framing and come equipped with 8mm twin-wall polycarbonate.
- Film fastening equipment includes lock channel, wiggle wire and anti-billow rope to assist with ventilation and wind protection.
- Manual roll-up sides, which utilize our Hand-Crank Assembly, allow for greater ventilation control when combatting high temperatures. Sidewalls come complete with insect netting to help protect against pests.
- Each tunnel comes equipped with a 9'10"W x 9'10"H sliding door made from 8 mm twin-wall polycarbonate at one end.
- Recommened rafter support kit (118540) offers additional strength for areas with heavy snow or high winds. Kits have four inclined supports, along with bottom truss chord.
- Tunnels come with Heavy Duty ground posts for secure mounting.
- Baseboards are recommended. Users can choose between lumber baseboards or our Galvanized Steel Baseboard Kits (GSBB072 & GSBB096).
- 15 year warranty on frame.

118538

S550 DOUBLE FILM KITS INCLUDE

Aluminum Poly Latch
Sun Master® Infrared Anti-Condensate Thermal Greenhouse Film
2 Air Inflation Systems
Premium Repair Tape

GROWSPAN SERIES 550 HIGH TUNNEL GREENHOUSES & ACCESSORIES

STK#	ITEM	EACH
118538	30'W X 98'6"L S550 High Tunnel Greenhouse	$11,675.00
118539	30'W x 72'L S550 High Tunnel Greenhouse	9,625.00
118540	Series 550 Rafter Support Kit	79.00
118769	30'W x 72'L S550 Double Film Kit	825.00
118770	30'W x 98'6"L S550 Double Film Kit	985.00

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

GrowSpan™ Gothic Style Multi-Bay Tunnels improve on the traditional high tunnel benefits by providing you with an expansive growing space at the best price.

- These cost-effective structures help with season extension, crop protection and are ideal for producing a wide variety of field-grown crops and berries.
- Available in 3 bay (118031), 6 bay (118032) or 9 bay (118033) options, ensuring there's a structure for growers on any scale. Bays are 24'W and include 3 purlins.
- Frames are manufactured from 1.25" OD 14-gauge structural steel tubing.
- Tunnels are covered with 6 mil 4 year single layer film that offers excellent light transmission and durability.
- Outer sidewalls are designed with manual roll-ups to allow for quicky and easy ventilation and feature insect netting to help protect against pests.
- Each bay includes 8'10"W x 6'6"H door on end wall that slides open for easy access.
- For additional wind resistance, tunnels come complete with curtain skirt, curtain pocket and rope that installs in zig zag pattern over each bay.
- Rafter spacing: 6'. Gutter height: 8'.
- Ground posts are made from 1.66" OD 10-gauge steel to provide exceptional support. For increased wind protection, set posts in concrete.

GROWSPAN GOTHIC STYLE MULTI-BAY TUNNELS

STK#	# OF BAYS	SIZE	PEAK HEIGHT	EACH
118031	3	72'W x 132'L	16'	$18,395.00
118032	6	144'W x 132'L	16'	32,895.00
118033	9	216'W x 132'L	16'	43,695.00

GrowSpan Gothic Premium High Tunnels, sufficiently modify the environment to enhance crop growth, quality and yield. These high tunnels offer temperature control, protection from wind, rain, disease and predators.

- Frames are constructed with our 14-gauge, triple-galvanized structural steel tubing. 20'W and 26'W tunnels use 1.66" OD pipe. 30'W tunnels use 1.90" OD pipe.
- Available with either our superior PolyMax® 5.2 oz., 12 mil thick Clear Woven Greenhouse Covering or our Sunmaster™ 6 mil 4 year Clear Greenhouse Film.
- Our PolyMax® 5.2 oz.,12 mil Clear Woven Greenhouse Covering comes with a 4 year warranty. With added UV inhibitors, this cover offers 85% light transmission, has excellent cold-crack resistance and will not tear.
- Our Sunmaster™ 6 mil 4 year clear film is made from strong copolymer resin with an anti-static additive that repels dust and dirt and keeps the light shining through. This film, with tri-layer construction and UV additives, offers 92% light transmission and comes with a 4 year warranty.
- Choose Roll-Up or Drop-Down Sides, manufactured from our 5.2 oz. fabric, to control the air entering the high tunnel and provide four-sided ventilation. Includes our exclusive "Twist-of-the-Wrist" Assembly, complete with all necessary hardware for installation.
- Roll-up doors, which utilize our Hand-Crank Assembly, and end panels are manufactured from 10 oz., 22 mil translucent fabric.
- 20'W units have 16'W x 10'H doors. 26'W and 30'W units have 20'W x 10'H doors.
- Purchase 4 x 4s locally to strengthen and finish off the ends.

GROWSPAN GOTHIC PREMIUM HIGH TUNNELS

STK#	SIZE	HIGH TUNNEL WITH FILM EACH	HIGH TUNNEL WITH 5.2 OZ. FABRIC EACH
108179H	20'W x 12'H x 24'L	$ 4,255.00	$ 4,669.00
108180H	20'W x 12'H x 36'L	5,305.00	5,835.00
108181H	20'W x 12'H x 48'L	6,589.00	7,129.00
108182H	20'W x 12'H x 60'L	7,459.00	8,035.00
108183H	20'W x 12'H x 72'L	8,149.00	9,079.00
108184H	20'W x 12'H x 96'L	10,515.00	11,385.00
108195H	20'W x 12'H x 120'L	13,079.00	14,179.00
108185H	26'W x 12'H x 36'L	5,769.00	6,289.00
108186H	26'W x 12'H x 48'L	7,169.00	7,849.00
108187H	26'W x 12'H x 60'L	8,279.00	8,919.00
108188H	26'W x 12'H x 72'L	9,469.00	10,229.00
108189H	26'W x 12'H x 96'L	10,835.00	11,769.00
108196H	26'W x 12'H x 120'L	13,459.00	14,639.00
108190H	30'W x 14'H x 36'L	6,279.00	6,869.00
108191H	30'W x 14'H x 48'L	7,735.00	8,509.00
108192H	30'W x 14'H x 60'L	9,489.00	10,369.00
108193H	30'W x 14'H x 72'L	10,195.00	11,205.00
108194H	30'W x 14'H x 96'L	11,585.00	12,379.00
108197H	30'W x 14'H x 120'L	14,005.00	15,409.00

- 4' rafter spacing.
- For additional strength and durability, particularly in heavy-snow areas, add our GrowSpan Gothic High Tunnel Support Kits or our Gothic High Tunnel Rafter Kits.
- 6' sidewalls provide additional, valuable growing space.
- Heavy Duty ground posts are included.
- Baseboards are required to attach Drop-Down Sides. Our Galvenized Steel Baseboards, sold separately, is ideal.
- The optional Flush Door Mounting Kit (115083) provides an ideal entryway for high tunnels that are 30'W and have Roll-Up Ends. The kit features a 36"W x 80"H polycarbonate door for optimum light transmission. Flange provides a tight seal, ensuring control over the high tunnel's environment.
- To comply with NRCS requirements, all 30'W Gothic Premium High Tunnels can be outfitted with a Five Part Rafter Kit.

ORDERING: GROWSPAN GOTHIC PREMIUM HIGH TUNNELS

Add CD for High Tunnel with Film Covering and Drop-Down Sides.
Example: 108179HCD.
Add CRU for High Tunnel with Film Covering and Roll-Up Sides.
Example: 108179HCRU.
Add FD for High Tunnel with 5.2 oz. Fabric and Drop-Down Sides.
Example: 108179HFD.
Add FRU for High Tunnel with 5.2 oz. Fabric and Roll-Up Sides.
Example: 108179HFRU.

GROWSPAN GOTHIC PREMIUM HIGH TUNNELS WITH 5 PART RAFTER KIT

STK#	SIZE	HIGH TUNNEL WITH FILM EACH	HIGH TUNNEL WITH 5.2 OZ. FABRIC EACH
108190H5	30'W x 12'H x 36'L	$ 7,179.00	$ 9,305.00
108191H5	30'W x 12'H x 48'L	10,835.00	11,355.00
108192H5	30'W x 12'H x 60'L	10,855.00	11,879.00
108193H5	30'W x 12'H x 72'L	14,365.00	14,925.00
108194H5	30'W x 12'H x 96'L	18,179.00	19,425.00
108197H5	30'W x 12'H x 120'L	22,375.00	23,075.00

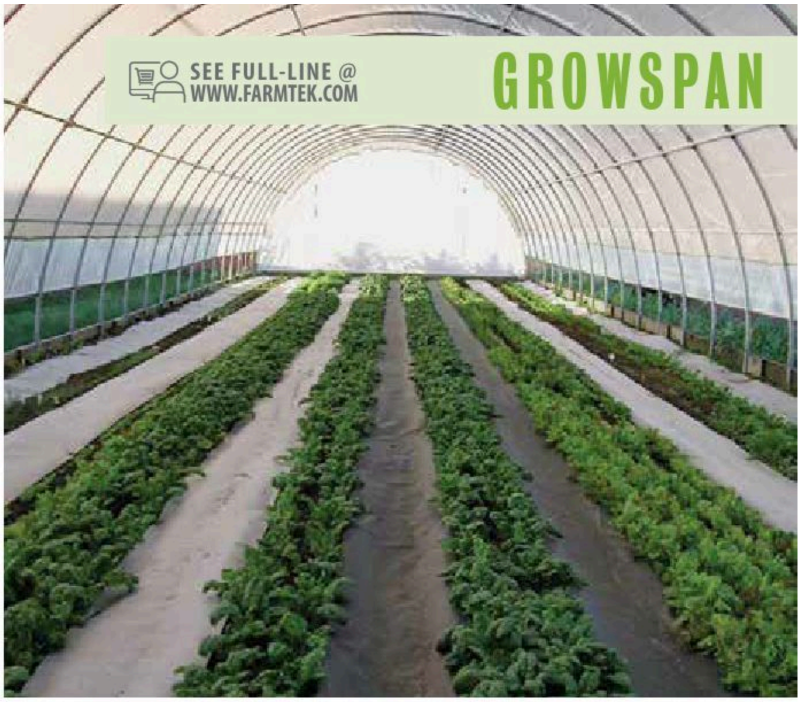
⚠ **WARNING:** Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Increase yield up to 50% with a GrowSpan High Tunnel.

- Manufactured from 14-gauge, triple-galvanized structural steel tubing.
- 6' rafter spacing.
- 6 mil 4 year single layer greenhouse film, for cover and solid ends, comes complete with all hardware necessary for installation.
- Universal Joint Roll-Up for sides, including all hardware.
- Heavy Duty ground posts included.
- Baseboards are recommended. Our Recycled Plastic Lumber, sold separately, is ideal.

GROWSPAN ROUND ECONOMY HIGH TUNNELS

STK#	SIZE	PIPE DIMENSION	PURLINS	EACH
PB01670R6C	20'W x 12'H x 24'L	1.66"	3	$ 2,925.00
PB01675R6C	20'W x 12'H x 36'L	1.66"	3	3,795.00
PB01680R6C	20'W x 12'H x 48'L	1.66"	3	4,235.00
PB01685R6C	20'W x 12'H x 72'L	1.66"	3	6,035.00
PB01690R6C	20'W x 12'H x 96'L	1.66"	3	7,269.00
PB01695R6C	20'W x 12'H x 120'L	1.66"	3	9,089.00
PB01700R6C	26'W x 12'H x 48'L	1.66"	5	4,669.00
PB01710R6C	26'W x 12'H x 96'L	1.66"	5	7,895.00
PB01715R6C	26'W x 12'H x 120'L	1.66"	5	9,829.00
PB01720R6C	30'W x 12'H x 36'L	1.90"	5	4,449.00
PB01725R6C	30'W x 12'H x 48'L	1.90"	5	5,395.00
PB01730R6C	30'W x 12'H x 72'L	1.90"	5	7,659.00
PB01735R6C	30'W x 12'H x 96'L	1.90"	5	8,765.00
PB01740R6C	30'W x 12'H x 120'L	1.90"	5	10,919.00



A GrowSpan Round Premium High Tunnel will enhance your crop yield, quality and profitability up to 50%.

- Frames are manufactured from triple-galvanized structural steel tubing.
- Available with our 6 mil 4 year Clear Greenhouse Film or our 5.2 oz., 12 mil Clear Greenhouse Covering.
- Our Sunmaster™ 6 mil 4 year Clear Greenhouse Film is made from strong copolymer resin, with tri-layer construction and UV additives. This film offers 92% light transmission and comes with a 4 year warranty.
- Our PolyMax® 5.2 oz., 12 mil Clear Woven Greenhouse Covering, with added UV inhibitors, is superior to all greenhouse fabrics, offers 85% light transmission and comes with a 4 year warranty.
- Structures can be designed with Zippered or Roll-Up Ends. Both options are manufactured from 10 oz., 22 mil premium rip-stop translucent fabric.
- Triple-zippered end panels feature our, industrial-strength #15 Heavy Duty Zippers and come complete with fabric clips for attaching.
- Four-sided ventilation is easy. Roll-Up Sides and Ends feature our exclusive "Twist-of-the-Wrist" Roll-Up Assembly.
- Rafter spacing: 4'.
- Heavy Duty ground posts are included.
- We recommend using a baseboard.
- Optional Rafter Support Kits provide extra support for areas with heavy snow or high winds.

ORDERING: GROWSPAN ROUND PREMIUM HIGH TUNNELS

Add C to end of the STK# for High Tunnel with Film Covering and Zippered End. **Example: PB01660R4C.**
Add F to end of the STK# for High Tunnel with Fabric Covering and Zippered End. **Example: PB01660R4F.**
Add CR to end of STK# for High Tunnel with Film Covering and Roll-Up End. **Example: PB01680R4CR.**
Add FR to end of STK# for High Tunnel with Fabric Covering and Roll-Up End. **Example: PB01680R4FR.**

GROWSPAN ROUND PREMIUM HIGH TUNNELS

STK#	SIZE	PIPE SIZE AND GAUGE	PURLINS	WITHL FILM EACH	WITH 5.2 OZ. FABRIC EACH
PB01660R4	14'W x 10'6"H x 24'L	1.315"/17 ga	1	$ 2,675.00	$ 2,945.00
PB01662R4	14'W x 10'6"H x 36'L	1.315"/17 ga	1	3,775.00	4,169.00
PB01664R4	14'W x 10'6"H x 48'L	1.315"/17 ga	1	4,799.00	5,245.00
PB01670R4	20'W x 12'H x 24'L	1.66"/14 ga	3	3,479.00	3,839.00
PB01675R4	20'W x 12'H x 36'L	1.66"/14 ga	3	4,829.00	5,245.00
PB01680R4	20'W x 12'H x 48'L	1.66"/14 ga	3	5,675.00	6,239.00
PB01681R4	20'W x 12'H x 60'L	1.66"/14 ga	3	6,715.00	7,375.00
PB01685R4	20'W x 12'H x 72'L	1.66"/14 ga	3	7,129.00	7,839.00
PB01686R4	20'W x 12'H x 84'L	1.66"/14 ga	3	7,959.00	8,669.00
PB01690R4	20'W x 12'H x 96'L	1.66"/14 ga	3	8,595.00	9,419.00
PB01692R4	20'W x 12'H x 120'L	1.66"/14 ga	3	10,685.00	11,769.00
PB01695R4	26'W x 12'H x 24'L	1.66"/14 ga	5	3,739.00	4,109.00
PB01697R4	26'W x 12'H x 36'L	1.66"/14 ga	5	5,095.00	5,639.00
PB01700R4	26'W x 12'H x 48'L	1.66"/14 ga	5	6,249.00	6,879.00
PB01701R4	26'W x 12'H x 60'L	1.66"/14 ga	5	7,725.00	8,389.00
PB01705R4	26'W x 12'H x 72'L	1.66"/14 ga	5	8,149.00	8,949.00
PB01706R4	26'W x 12'H x 84'L	1.66"/14 ga	5	8,719.00	9,505.00
PB01710R4	26'W x 12'H x 96'L	1.66"/14 ga	5	9,149.00	10,009.00
PB01712R4	26'W x 12'H x 120'L	1.66"/14 ga	5	11,369.00	12,495.00
PB01720R4	30'W x 12'H x 36'L	1.90"/14 ga	5	5,429.00	6,219.00
PB01725R4	30'W x 12'H x 48'L	1.90"/14 ga	5	6,589.00	7,159.00
PB01726R4	30'W x 12'H X 60'L	1.90"/14 ga	5	8,225.00	8,949.00
PB01730R4	30'W x 12'H x 72'L	1.90"/14 ga	5	8,775.00	9,259.00
PB01731R4	30'W x 12'H x 84'L	1.90"/14 ga	5	9,359.00	10,069.00
PB01735R4	30'W x 12'H x 96'L	1.90"/14 ga	5	9,909.00	10,659.00
PB01740R4	30'W x 12'H x 120'L	1.90"/14 ga	5	12,595.00	13,595.00

Gothic Hobby

Round Hobby

GrowSpan™ Hobby Greenhouses offers valuable growing space.

- Frame is manufactured from highest quality, triple-galvanized structural steel tubing, with 4' rafter spacing.
- GrowSpan Round Hobby Greenhouses uses 1.315" OD pipe with 17-gauge triple-galvanized structural steel tubing.
- GrowSpan Gothic Hobby Greenhouses uses 1.66" OD pipe with 14-gauge triple-galvanized structural steel tubing.
- End frame is constructed from strong 16-gauge, 1.5" square, triple-galvanized structural steel tubing.
- Ends are covered with 8 mm twin-wall polycarbonate offering superior insulating qualities and reduced heating costs and comes with a 10 year warranty.
- Heavy Duty ground posts are included.
- We recommend using a baseboard. Our Recycled Plastic Lumber is sold separately.
- Double-layer top covering, with Inflation Fan Kit, is manufactured using an outer layer of our Sunmaster™ 6 mil, 4 year Greenhouse Film and an inside layer of our Sunmaster™ Infrared Anti-Condensate Thermal Film maximizes heat retention offering excellent drip control.
- Gothic Style is available with either Roll-Up or Drop-Down Sides. Drop-Down Sides use our 5.2 oz. greenhouse fabric and come complete with our "Twist-of-the-Wrist" Assembly. Baseboards are required for drop-down sides.
- Units come equipped with a 36"W x 80"H Heavy Duty, aluminum entry door, complete with 6 mm polycarbonate sections at both top and bottom, stainless steel hinges and latch.
- Optional Single Door Kit, sold separately.
- During extreme heat, use our SunBlocker™ Black Knitted 60% Shade Panels, sold separately.

GROWSPAN ROUND HOBBY GREENHOUSES AND SYSTEMS

STK#	SIZE	GREENHOUSE EACH	SYSTEM EACH
104832	12'W x 8'1"H x 16'L	$4,145.00	$5,489.00
104833	12'W x 8'1"H x 20'L	4,325.00	5,705.00
104834	12'W x 8'1"H x 24'L	4,450.00	5,965.00
104835	12'W x 8'1"H x 28'L	4,685.00	6,225.00
104836	14'W x 8'3"H x 20'L	4,615.00	6,095.00
104837	14'W x 8'3"H x 24'L	4,865.00	6,295.00
104838	14'W x 8'3"H x 28'L	5,015.00	6,805.00
104839	14'W x 8'3"H x 32'L	5,209.00	6,995.00

For Greenhouse only, add C to the end of your desired STK#. To order the entire GrowSpan Hobby Greenhouse and System, add S (for Propane), or SN (for Natural Gas), to the end of your STK# to indicate your desired heater type.

GROWSPAN GOTHIC HOBBY GREENHOUSES AND SYSTEMS

STK#	SIZE	GREENHOUSE EACH	SYSTEM EACH
104840	14'W x 9'6"H x 16'L	$4,765.00	$5,895.00
104841	14'W x 9'6"H x 20'L	4,865.00	6,149.00
104842	14'W x 9'6"H x 24'L	5,255.00	6,535.00
104843	14'W x 9'6"H x 28'L	5,405.00	6,889.00
104844	16'W x 9'8"H x 20'L	5,475.00	6,895.00
104845	16'W x 9'8"H x 24'L	5,345.00	7,395.00
104846	16'W x 9'8"H x 28'L	6,099.00	7,775.00
104847	16'W x 9'8"H x 32'L	6,345.00	8,095.00
104848	18'W x 10'H x 20'L	5,575.00	7,245.00
104849	18'W x 10'H x 24'L	5,925.00	7,609.00
104850	18'W x 10'H x 28'L	6,155.00	8,809.00
104851	18'W x 10'H x 32'L	6,545.00	8,305.00
104852	18'W x 10'H x 36'L	6,775.00	8,695.00

For Greenhouse w/Roll-Up Sides add C to the end of your desired STK#. To order the entire GrowSpan Hobby Greenhouse and System add S (Propane) or SN (Natural Gas) to the end of the STK# to indicate desired heater type (ex. 104840SN).

For Greenhouse w/Drop-Down Sides add CD to the end of your desired STK#. To order the entire GrowSpan Hobby System, add S (Propane) or SN (Natural Gas) to the end of the STK#, including CD, to indicate desired heater type (ex. 104840CDSN).

Used with roll-up sides.

Galvanized Steel Baseboard Kits add strength to the base of your growing structure and offer improved sealing for your roll-up or drop-down sides.

- These hat channel baseboards provide structures with increased lateral support and a clean, finished look.
- Superior seal helps reduce breezes and heat loss, allowing for greater control over growing environment.
- Designed to work with any greenhouse or high tunnel that requires a baseboard.
- Baseboard kits come complete with instructions, splices and screws.
- Highly recommended when using automated roll-up sides (117149).
- Available in 12' length increments.

GALVANIZED STEEL BASEBOARD KITS

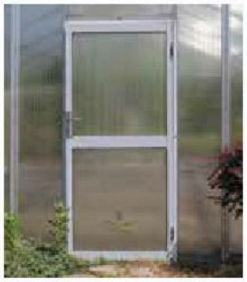
STK#	LENGTH	EACH
GSBB012	12'	$ 78.95
GSBB024	24'	179.95
GSBB036	36'	275.95
GSBB048	48'	375.95
GSBB060	60'	469.95
GSBB072	72'	569.95
GSBB084	84'	669.95
GSBB096	96'	765.95
GSBB108	108'	859.95
GSBB120	120'	959.95

These greenhouses are suitable for the backyard hobbyist or the professional grower. The twin-wall polycarbonate covering provides strength, durability and elegance. Clear sheets are flame retardant, will not discolor and have up to 80% light transmission.

- Frame is manufactured from highest quality, triple-galvanized structural steel tubing.
- End frame is constructed from strong 16-gauge, 1.5" square, triple-galvanized structural steel tubing.
- Ends and top covering are constructed from our 8 mm twin-wall polycarbonate sheets that are light in weight, virtually unbreakable and come with a 10 year warranty.
- Panels contain UV inhibitors which prevent degradation.
- Built-in condensate control eliminates water droplet formation for a healthier plant environment.
- Units come equipped with a 36"W x 80"H Heavy Duty aluminum entry door, complete with 6 mm polycarbonate sections at both top and bottom, stainless steel hinges and latch.
- 4'H sidewall offers more valuable growing space.
- Optional Double Door Kits sold separately.
- Heavy Duty ground posts are included. Baseboards are recommended. We recommend our Recycled Plastic Lumber, sold seperatley.
- Save hundreds of dollars on equipment and accessories when you purchase the Greenhouse System. We've done all the calculations for you. The size and quantity of items are determined by the size of your greenhouse.

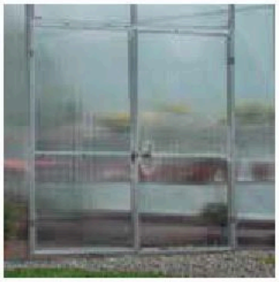
Optional Single Door Kit
- Includes 36"W x 80"H door, complete with stainless steel hinges and latch and all necessary hardware for installation.

Optional Double Door Kit
- Includes Heavy Duty double doors, each 48"W x 92"H, stainless steel hinges and latch and all necessary hardware for installation. Double Door Kit not for use with 14'W Greenhouses.



SINGLE DOOR KIT

STK#	EACH
104706	$395.00



DOUBLE DOOR KIT

STK#	EACH
105105	$869.00

GROWSPAN GOTHIC PRO GREENHOUSE SYSTEMS INCLUDE

HeatStar Blue Flame Heater In your choice of natural gas or propane. Comes with built-in 110 V blower fan and thermostat. Heater is not for use at altitudes above 4,500'. Cannot be sold in California. In Massachusetts, must be installed in compliance with CMR 248.

DuroStat™ NEMA 4 Dual Voltage Thermostat Controls heating and cooling from 30˚F to 110˚F.

ValuTek™ 12" Combo Air Circulation Fan

ValuTek™ Direct Drive Exhaust Fan with Shutters

ValuTek™ Motorized Heavy Duty Aluminum Intake Shutters

Front

Back

GROWSPAN GOTHIC PREMIUM GREENHOUSES AND SYSTEMS

STK#	SIZE	GREENHOUSE EACH	SYSTEM EACH
106205	14'W x 9'4"H x 16'L	$5,475.00	$ 6,815.00
106206	14'W x 9'4"H x 20'L	6,155.00	7,605.00
106207	14'W x 9'4"H x 24'L	6,799.00	8,255.00
106208	14'W x 9'4"H x 28'L	7,455.00	9,005.00
106209	16'W x 9'8"H x 16'L	6,105.00	7,575.00
106210	16'W x 9'8"H x 20'L	6,835.00	8,275.00
106211	16'W x 9'8"H x 24'L	7,570.00	9,225.00
106212	16'W x 9'8"H x 28'L	8,315.00	10,065.00
106213	18'W x 12'H x 20'L	7,459.00	8,945.00
106214	18'W x 12'H x 24'L	8,185.00	9,715.00
106215	18'W x 12'H x 28'L	8,955.00	10,645.00
106216	18'W x 12'H x 32'L	9,749.00	11,545.00

For Greenhouse only, add C to the end of your desired STK#. To order the entire GrowSpan Premium Greenhouse and System add SP for Propane or SN for Natural Gas to the end of your STK# to indicate your desired heater type.

GROWSPAN ROUND PREMIUM GREENHOUSES AND SYSTEMS

STK#	SIZE	GREENHOUSE EACH	SYSTEM EACH
106197	12'W x 8'1"H x 12'L	$4,005.00	$5,535.00
106198	12'W x 8'1"H x 16'L	4,615.00	6,005.00
106199	12'W x 8'1"H x 20'L	4,975.00	6,495.00
106200	12'W x 8'1"H x 24'L	5,425.00	6,805.00
106201	14'W x 8'3"H x 16'L	4,705.00	6,250.00
106202	14'W x 8'3"H x 20'L	4,859.00	6,770.00
106203	14'W x 8'3"H x 24'L	5,355.00	8,105.00
106204	14'W x 8'3"H x 28'L	6,145.00	8,615.00

For Greenhouse only, add C to the end of your desired STK#. To order the entire GrowSpan Premium Greenhouse and System add SP for Propane or SN for Natural Gas to the end of your STK# to indicate your desired heater type.

GrowSpan™ Round Pro Greenhouses are energy efficient, economical and ideal for the professional grower or backyard hobbyist.

- Frame is constructed from highest quality, triple-galvanized structural steel tubing.
- End frame is constructed from strong 16-gauge, 1.5" square USA-made, triple-galvanized structural steel tubing.
- GrowSpan Round Pro Greenhouse has polycarbonate ends and greenhouse film top covering.
- Available as stand-alone greenhouses or complete greenhouse systems.
- 8 mm twin-wall polycarbonate provides superior insulating qualities, offers reduced heating costs and comes with a 10 year warranty.
- Double-layer film covering, with Inflation Fan Kit, is manufactured using an outer layer of our Sunmaster™ 6 mil, 4 year Greenhouse Film and an inside layer of our Sunmaster™ Infrared Anti-Condensate Thermal Film that maximizes heat retention and offers excellent drip control. Poly latches are included.
- "Twist-of-the-Wrist" Roll-Up Sides make ventilation easy.
- Heavy Duty doors are 48"W x 92"H each and come complete with stainless steel hinges and latch. Optional Double Door Kit is also available.
- Heavy Duty ground posts are included with 20'W and 26'W units.
- Heavy Duty Base Plates, that can be used on any surface and come with predrilled fastening holes, are included with 38'W units.
- During extreme heat, we recommend our SunBlocker™ Black Knitted 60% Shade Panels, sold separately, to eliminate heat stress and to ensure optimum plant growth. Ask your National Account Manager for details.

GROWSPAN ROUND PRO GREENHOUSES AND SYSTEMS

STK#	SIZE	PIPE SIZE AND GAUGE	PURLINS	GREENHOUSE EACH	SYSTEM EACH
104853	20'W x 10'7"H x 20'L	1.66"/14 ga	3	$ 6,105.00	$ 9,225.00
104854	20'W x 10'7"H x 24'L	1.66"/14 ga	3	6,365.00	9,595.00
104855	20'W x 10'7"H x 36'L	1.66"/14 ga	3	7,195.00	11,175.00
104856	20'W x 10'7"H x 48'L	1.66"/14 ga	3	8,185.00	12,165.00
104857	26'W x 12'11"H x 28'L	1.66"/14 ga	4	8,445.00	11,895.00
104858	26'W x 12'11"H x 36'L	1.66"/14 ga	4	9,225.00	13,065.00
104859	26'W x 12'11"H x 48'L	1.66"/14 ga	4	10,135.00	14,425.00
104860	26'W x 12'11"H x 60'L	1.66"/14 ga	4	11,075.00	16,659.00
104861	38'W x 15'H x 40'L	2.375"/14 ga	9	15,205.00	20,710.00
104862	38'W x 15'H x 48'L	2.375"/14 ga	9	16,295.00	23,135.00
104863	38'W x 15'H x 72'L	2.375"/14 ga	9	19,635.00	28,275.00
104864	38'W x 15'H x 96'L	2.375"/14 ga	9	23,455.00	31,989.00

For Greenhouse only, add C to the end of your desired STK#. To order the entire GrowSpan Round Pro Greenhouse and System add S (for Propane), or SN (for Natural Gas), to the end of your STK# to indicate your desired heater type.

GrowSpan Round Pro Greenhouse Systems include:

- Modine™ Corrosion-Resistant Vented Heater in natural gas or propane.
- Commercial-Grade Exhaust Fan with shutters.
- ValuTek™ Motorized, Heavy Duty Aluminum Intake Shutters.
- ValuTek™ Horizontal Airflow Fan.
- DuroStat™ NEMA 4 Dual-Voltage, Waterproof Thermostat.
- The size and quantity of items are determined by the greenhouse size. Ask your National Account Manager for more details.

Optional Single Door Kit

- Includes 36"W x 80"H door, complete with stainless steel hinges and latch and all necessary hardware for installation.

Optional Double Door Kit

- Includes Heavy Duty double doors, each 48"W x 92"H, stainless steel hinges and latch and all necessary hardware for installation. Double Door Kit not for use with 14'W Greenhouses.

GROWSPAN ROUND PRO CORRUGATED GREENHOUSE SYSTEMS INCLUDE

Commercial-Grade Exhaust Fan with Shutters

DuroStat™ NEMA 4 Dual Voltage Thermostat Controls heating and cooling from 30˚F to 110˚F.

ValuTek™ Horizontal Airflow Fan

Modine™ Power-Vented Greenhouse Heater*

*High Altitude Kit is required at altitudes over 2,000 ft.

ValuTek™ Motorized Heavy Duty Aluminum Intake Shutters

DOOR KITS

STK#	ITEM	EACH
104706	Single Door	$395.00
105105	Double Door	869.00

Clear, weather-resistant corrugated polycarbonate covering gives these greenhouses longer years of service.

- The 0.79 mm (0.031") corrugated polycarbonate sheets are light in weight, virtually unbreakable and come with a 10 year warranty.
- Panels contain UV inhibitors which prevent degradation.
- Built-in condensate control eliminates water droplet formation for a healthier plant environment.
- Sheets bend over 13' radius, quickly covering round style frame.
- Greenhouse frame is manufactured from 14-gauge, triple-galvanized structural steel tubing with 4' rafter spacing.
- End framing is strong 16-gauge, 1.5" square, triple-galvanized steel tubing.
- Heavy-duty, sliding double doors are 48"W x 92"H each and come complete with all necessary hardware for installation.
- Clear, corrugated sheets have up to 90% light transmission.
- Heavy Duty ground posts are included. We recommend a baseboard. Our Recycled Plastic Lumber, sold separately, is ideal.

Optional Double Door Kit

- Includes two Heavy Duty, sliding doors that are each 48"W x 92"H, and all necessary hardware for installation.

GROWSPAN ROUND PREMIUM CORRUGATED GREENHOUSES AND SYSTEMS

STK#	SIZE	PIPE SIZE	GREENHOUSE EACH	SYSTEM EACH
106185	20'W x 10'7"H x 20'L	1.66"	$ 5,715.00	$ 9,345.00
106186	20'W x 10'7"H x 24'L	1.66"	6,325.00	10,085.00
106187	20'W x 10'7"H x 36'L	1.66"	8,035.00	12,075.00
106188	20'W x 10'7"H x 48'L	1.66"	9,345.00	14,295.00
104933*	26'W x 12'H x 28'L	1.66"	8,605.00	11,875.00
104934*	26'W x 12'H x 36'L	1.66"	9,925.00	13,875.00
104935*	26'W x 12'H x 48'L	1.66"	11,855.00	15,985.00
104936*	26'W x 12'H x 60'L	1.66"	13,825.00	19,285.00
106265	30'W x 12'H x 36'L	1.90"	10,385.00	14,215.00
106266	30'W x 12'H x 48'L	1.90"	12,385.00	16,885.00
106267	30'W x 12'H x 60'L	1.90"	14,385.00	20,055.00
106268	30'W x 12'H x 72'L	1.90"	16,595.00	22,055.00

For Greenhouse System add SP for Propane or SN for Natural Gas to the end of your STK# to indicate your desired heater type. *Add S for Propane or SN for Natural Gas.

SLIDING DOUBLE DOOR KIT

STK#	EACH
105134	$629.00

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

GROWSPAN ROUND PREMIUM CORRUGATED GREENHOUSE SYSTEMS INCLUDE

Commercial-Grade Exhaust Fan with Shutters

DuroStat™ NEMA 4 Dual Voltage Thermostat Controls heating and cooling from 30˚F to 110˚F.

ValuTek™ Horizontal Airflow Fan

Modine™ Power-Vented Greenhouse Heater*

*High Altitude Kit is required at altitudes over 2,000 ft.

ValuTek™ Motorized Heavy Duty Aluminum Intake Shutters

GROWSPAN HYDROPONIC GREENHOUSE PACKAGE INCLUDES

HydroCycle Dutch Bucket System

PolyMax® Benches

Propagation Float Station

HydroCycle 4" Pro NFT Lettuce System

Low Tide Tray

GROWSPAN GOTHIC PRO GREENHOUSE SYSTEMS INCLUDE

HeatStar Blue Flame Heater In your choice of natural gas or propane. Comes with built-in 110 V blower fan and thermostat. Heater is not for use at altitudes above 4,500'. Cannot be sold in California. In Massachusetts, must be installed in compliance with CMR 248.

DuroStat™ NEMA 4 Dual Voltage Thermostat Controls heating and cooling from 30°F to 110°F.

ValuTek™ 12" Combo Air Circulation Fan

ValuTek™ Direct Drive Exhaust Fan with Shutters

ValuTek™ Motorized Heavy Duty Aluminum Intake Shutters

Get your family growing today or give your small business a boost with the GrowSpan™ Hydroponic & Gothic Greenhouse Package. With this package you'll be able to grow everything from large vine crops, like tomatoes or cucumbers, to smaller herbs, like basil and parsley.

The GrowSpan Hydroponic & Gothic Greenhouse Package comes with some of our most popular hydroponic products.

- If you like tomatoes, peppers, eggplant or other vine crops, you'll love the two HydroCycle H2-4 Micro Dutch Bucket Systems that we've included.
- There's also a HydroCycle 4" Pro NFT Lettuce System to grow green and leafy lettuce. These systems are great for hobbyists and commercial growers alike.
- You'll also find a 4' x 8' and 4' x 4' Propagation Float Station. The larger station has been used with success for growing pac choi, swiss chard, kale and more, while the smaller is great for fresh herbs, like basil, parsley, cilantro and more.
- We've also included a 2' x 8' Low Tide Tray that is great for seed propagation.
- With all of the plants you'll cultivate, you'll need a workspace and place to keep things organized and for this there are two 2' x 8' PolyMax® Benches.

You'll also have the option of including the GrowSpan Gothic Pro Greenhouse System.

- HeatStar Blue Flame Heater that comes in a model that runs on propane or one that runs on natural gas. Heater is not for use at altitudes above 4,500'. Cannot be sold in California. In Massachusetts, must be installed in compliance with CMR 248.
- ValuTek™ Direct Drive Exhaust Fan with Shutters promotes air quality and helps to remove condensation.
- DuroStat™ NEMA 4 Dual-Voltage Thermostat is an easy-to-use thermostat that allows you to keep your greenhouse at the proper temperature.
- ValuTek™ 12" Combo Air Circulation Fan is ideal for hanging from purlins in your greenhouse and promotes air circulation and quality.
- ValuTek™ Motorized Heavy Duty Aluminum Intake Shutters can be used with thermostatic controls or manually and it helps to keep fresh air within the greenhouse.
- Net Pots are sold separately and Float Rafts can be sourced locally.

These packages can be housed in your choice of GrowSpan Gothic Pro Greenhouses or GrowSpan Gothic Premium Greenhouses.

- The GrowSpan Gothic Pro Greenhouse is covered by double-layer Sunmaster™ Greenhouse Film and is available with Roll-Up or Drop-Down sides.
- Our GrowSpan Gothic Premium Greenhouse is covered with polycarbonate for strength and durability.

GROWSPAN HYDROPONIC GREENHOUSE PACKAGE

STK#	EACH
113620	$5,749.00

GROWSPAN 14'W X 24'L GROWSPAN HYDROPONIC AND GOTHIC GREENHOUSE PACKAGES

STK#	ITEM	GREENHOUSE SYSTEM	EACH	GREENHOUSE PACKAGES HYDROPONIC (ADD 113620)	GREENHOUSE PACKAGES COMPLETE
104842C	GrowSpan Gothic Pro w/Roll-Up Sides	Not Included	$5,255.00	$5,749.00	$11,004.00
104842CD	GrowSpan Gothic Pro w/Drop-Down Sides	Not Included	5,255.00	5,749.00	11,004.00
104842CDS	GrowSpan Gothic Pro w/Drop Down Sides	Included w/Propane	6,535.00	5,749.00	12,284.00
104842CDSN	GrowSpan Gothic Pro w/Drop-Down Sides	Included w/Gas	6,535.00	5,749.00	12,284.00
104842S	GrowSpan Gothic Pro w/Roll-Up Sides	Included w/Propane	6,535.00	5,749.00	12,284.00
104842SN	GrowSpan Gothic Pro w/Roll-Up Sides	Included w/Gas	6,535.00	5,749.00	12,284.00
106207C	GrowSpan Gothic Premium	Not Included	6,799.00	5,749.00	12,548.00
106207SN	GrowSpan Gothic Premium	Included w/Gas	8,255.00	5,749.00	14,004.00
106207SP	GrowSpan Gothic Premium	Included w/Propane	8,255.00	5,749.00	14,004.00

⚠ **WARNING:** Cancer and Reproductive Toxicity - P65Warnings.ca.gov

GrowSpan Gothic Pro Greenhouse is featured to the right.

GrowSpan Gothic Pro Greenhouses and Systems are available with Solid Polycarbonate, Greenhouse Film with Roll-Up or Drop-Down Sides or Polycarbonate with Roll-Up or Drop-Down Sides.

- Frame is constructed from triple-galvanized structural steel tubing.
- End frame is constructed from strong 16-gauge, 1.5" square, triple-galvanized structural steel tubing.
- Available in Gothic Style with Polycarbonate Ends and Film Top with either Roll-Up or Drop-Down Sides, Polycarbonate Ends and Tops or Polycarbonate Ends and Tops with either Roll-Up or Drop-Down Sides.
- All greenhouses come with polycarbonate gable ends.
- Drop-Down Sides use our 5.2 oz. greenhouse fabric.
- 8 mm twin-wall polycarbonate provides superior insulating qualities, offers reduced heating costs and comes with a 10 year warranty.
- "Twist-of-the-Wrist" Roll-Up or Drop-Down Sides make ventilation easy.
- Double-layer film covering, with Inflation Fan Kit, is manufactured using an outer layer of our Sunmaster™ 6 mil, 4 year Greenhouse Film and an inside layer of our Sunmaster™ Infrared Anti-Condensate Thermal Film that maximizes heat retention and offers excellent drip control. Poly latches are included.
- Heavy Duty double doors are 48"W x 92"H each, and come complete with stainless steel hinges and latch. Optional Double Door Kit is also available.
- Heavy Duty ground posts are included.
- Baseboards are required for Drop-Down Sides. We recommend our Recycled Plastic Lumber, sold separately.
- For added strength and durability, especially in heavy snow areas, we recommend adding our Gothic-Style Support Packages, sold separately.

GROWSPAN GOTHIC PRO GREENHOUSE SYSTEMS INCLUDE

Commercial-Grade Exhaust Fan with Shutters

DuroStat™ NEMA 4 Dual Voltage Thermostat Controls heating and cooling from 30˚F to 110˚F.

ValuTek™ Horizontal Airflow Fan

Modine™ Power-Vented Greenhouse Heater*
*High Altitude Kit is required at altitudes over 2,000 ft.

ValuTek™ Motorized Heavy Duty Aluminum Intake Shutters

ORDERING: GROWSPAN GOTHIC PRO GREENHOUSES AND SYSTEMS

For Greenhouse with Polycarbonate Ends and Roll-Up Film Sides add C to the end of the desired STK# (Example: 106306C).
For Greenhouse System with Polycarbonate Ends and Roll-Up Film Sides add SN (Natural Gas) or SP (Propane) to the end of the STK# to indicate your desired type of heater (106306SP).
For Greenhouse with Polycarbonate Ends and Drop-Down Fabric Sides add D to the end of the desired STK# (106306D).
For Greenhouse System with Polycarbonate Ends and Drop-Down Fabric Sides add SN (Natural Gas) or SP (Propane) to the end of the STK# to indicate your desired type of heater (106306DSP).
For Greenhouse with Solid Polycarbonate add PC to the end of the desired STK# (106306PC).
For Greenhouse System with Solid Polycarbonate add SN (Natural Gas) or SP (Propane) to the end of the STK# to indicate your desired type of heater (106306PCSN).
For Greenhouse with Polycarbonate and Roll-Up Film Sides add R to the end of the desired STK# (106306R).
For Greenhouse System with Polycarbonate and Roll-Up Film Sides add SN (Natural Gas) or SP (Propane) to the end of the STK# to indicate your desired type of heater (106306RSN).
For Greenhouse with Polycarbonate and Drop-Down Fabric Sides add DD to the end of the desired STK# (106306DD).
For Greenhouse System with Polycarbonate and Drop-Down Fabric Sides add SN (Natural Gas) or SP (Propane) to the end of the STK# to indicate your desired type of heater (106306DDSN).

GROWSPAN GOTHIC PRO GREENHOUSES AND SYSTEMS

STK#	SIZE	PIPE SIZE AND GAUGE	PURLINS	GREENHOUSE W/POLYCARBONATE ENDS & ROLL-UP OR DROP-DOWN SIDES EACH	SYSTEM EACH	GREENHOUSE W/SOLID POLYCARBONATE OR POLYCARBONATE W/ROLL-UP OR DROP-DOWN SIDES EACH	SYSTEM EACH
113836	20'W x 12'H x 28'L	1.66"/14 ga	4	$ 7,615.00	$10,649.00	$ 9,435.00	$12,685.00
113837	20'W x 12'H x 36'L	1.66"/14 ga	4	7,615.00	12,405.00	10,635.00	14,565.00
113838	20'W x 12'H x 48'L	1.66"/14 ga	4	10,025.00	13,275.00	12,815.00	17,815.00
113839	20'W x 12'H x 72'L	1.66"/14 ga	4	12,345.00	15,150.00	16,375.00	21,950.00
106306	26'W x 12'7-3/4"H x 28'L	1.66"/14 ga	4	7,945.00	11,495.00	11,055.00	14,735.00
106307	26'W x 12'7-3/4"H x 36'L	1.66"/14 ga	4	8,435.00	12,305.00	14,025.00	16,425.00
106308	26'W x 12'7-3/4"H x 48'L	1.66"/14 ga	4	9,675.00	13,995.00	15,035.00	20,425.00
106309	26'W x 12'7-3/4"H x 72'L	1.66"/14 ga	4	11,535.00	17,405.00	21,345.00	25,735.00
106310	30'W x 12'6-3/8"H x 36'L	1.90"/14 ga	6	9,695.00	14,965.00	16,105.00	19,775.00
106311	30'W x 12'6-3/8"H x 48'L	1.90"/14 ga	6	11,025.00	18,305.00	16,985.00	21,605.00
106312	30'W x 12'6-3/8"H x 72'L	1.90"/14 ga	6	13,825.00	19,655.00	22,975.00	28,775.00
106313	30'W x 12'6-3/8"H x 96'L	1.90"/14 ga	6	16,375.00	25,295.00	28,675.00	37,615.00
106314	34'W x 12'3-5/8"H x 40'L	1.90"/14 ga	6	11,065.00	15,205.00	16,575.00	20,865.00
106315	34'W x 12'3-5/8"H x 48'L	1.90"/14 ga	6	11,825.00	16,755.00	18,835.00	23,615.00
106316	34'W x 12'3-5/8"H x 72'L	1.90"/14 ga	6	14,855.00	21,695.00	25,465.00	31,325.00
106317	34'W x 12'3-5/8"H x 96'L	1.90"/14 ga	6	17,565.00	26,445.00	31,585.00	40,775.00

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

GrowSpan™ Commercial Educator Greenhouse are available in a variety of lengths, making them ideal for research, education and other institutional facilities.

- Greenhouse frames are made from, triple-galvanized, structural steel for corrosion resistance, durability and long life in any location.
- These structures are covered with 8 mm Twin-Wall Polycarbonate which is clear, UV resistant and twelve times lighter than glass. 8 mm Twin-Wall Polycarbonate will not develop a film after long exposure to sunlight and carries a 10 year warranty.
- All GrowSpan Commercial Educator Greenhouses come with two ends. One end has a built-in 3' x 7' Premium Pre-Hung Single Greenhouse Door for convenient access.

GROWSPAN COMMERCIAL EDUCATOR GREENHOUSES

STK#	SIZE	EACH
GHS1412BP	14'W x 12'L	$10,495.00
GHS1424BP	14'W x 24'L	14,329.00
GHS1436BP	14'W x 36'L	18,695.00
GHS1448BP	14'W x 48'L	21,829.00

Open

Closed

Support passive ventilation and save money on a regular basis with this greenhouse guillotine vent.

- Allows air to naturally flow into greenhouses, creating a cooler environment with fresh air.
- Runs on a motor that allows growers to open or close the vent at any time.
- Quiet operation.
- Constructed from 8 mm twin-wall polycarbonate and an easy-to-operate motor.
- Can be installed on existing greenhouses.
- Support kit available for hanging insect netting.

GUILLOTINE VENT

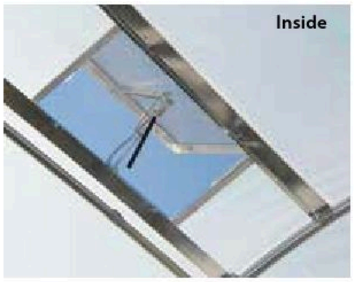
STK#	SIZE	EACH
GSGV04X15	4'H x 15'W	$2,659.00
GSGV04X20	4'H x 20'W	2,899.00
GSGV04X25	4'H x 25'W	3,565.00
GSGV04X30	4'H x 30'W	3,679.00
GSGV04X35	4'H x 35'W	3,849.00
GSGV05X15	5'H x 15'W	2,969.00
GSGV05X20	5'H x 20'W	3,179.00
GSGV05X25	5'H x 25'W	4,109.00
GSGV05X30	5'H x 30'W	4,305.00
GSGV05X35	5'H x 35'W	4,559.00

Match these End Wall Vent Kits with an evaporative cooling system to create an environment where crops can flourish.

- Promote healthy airflow and consistent temperatures.
- These kits allow you to customize your GrowSpan growing structure to meet your exact environmental needs.
- Automated design reduces labor requirements and simplifies your operation.
- Easily integrate into GrowSpan S1000 and S2000 greenhouses.
- End Wall Vent Kits work great with our 8mm Twin-Wall Polycarbonate.

END WALL VENT KITS

STK#	ITEM	EACH	STK#	ITEM	EACH
GSVEN015L03	15'L x 3'H	$3,335.00	GSVEN015L05	15'L x 5'H	$4,029.00
GSVEN020L03	20'L x 3'H	3,509.00	GSVEN020L05	20'L x 5'H	4,235.00
GSVEN025L03	25'L x 3'H	3,679.00	GSVEN025L05	25'L x 5'H	4,455.00
GSVEN030L03	30'L x 3'H	3,075.00	GSVEN030L05	30'L x 5'H	4,669.00
GSVEN035L03	35'L x 3'H	4,055.00	GSVEN035L05	35'L x 5'H	4,899.00
GSVEN015L04	15'L x 4'H	3,669.00	GSVEN015L06	15'L x 6'H	4,439.00
GSVEN020L04	20'L x 4'H	3,849.00	GSVEN020L06	20'L x 6'H	4,649.00
GSVEN025L04	25'L x 4'H	4,045.00	GSVEN025L06	25'L x 6'H	4,899.00
GSVEN030L04	30'L x 4'H	4,259.00	GSVEN030L06	30'L x 6'H	5,135.00
GSVEN035L04	35'L x 4'H	4,459.00	GSVEN035L06	35'L x 6'H	5,395.00


Inside

Achieve maximum ventilation with a high tunnel roof vent.

- Vent is constructed of a durable 8 mm clear polycarbonate twin-wall panel mounted on a sturdy, white powder-coated aluminum frame that measures 32" x 17". (Actual inside opening is 30" x 15".)
- Opens and closes automatically within preset temperature ranges.
- To maximize ventilation, the vent should be installed as high on the roof as possible.
- Place approximately every 15 ft. to 20 ft. to reach the ultimate effective roof ventilation.
- It is recommended that the cylinder from the automatic opener be removed during the winter months.
- Installation of panel may require some field framing to support panel if used in a nonrigid panel installation.

GREENHOUSE/HIGH TUNNEL AUTO VENT

STK#	EACH	4 & UP
107523	$275.00	$265.00

⚠ **WARNING:** Cancer and Reproductive Toxicity - P65Warnings.ca.gov

GrowSpan Lean-To Series 2000 Commercial Greenhouses offer an innovative solution to modern crop production, featuring a convenient design that allows you to position your growing structure next to an existing building, maximizing your usable space.

- Includes same features as GrowSpan's standard Series 2000 Commercial Greenhouse, but design is cut in half at ridge, creating an economical structure that fits neatly alongside buildings and helps growers with limited space harvest variety of crops year-round.
- Ideal for growers with existing buildings, educational institutions and hobbyists looking to produce crops of highest-quality.
- Greenhouse stands independent of building it is installed next to, but attaches with flashing to seal water out between structures.
- Designed with energy-saving, impact and UV-resistant 8 mm polycarbonate roof and sidewalls.
- Growers can choose between 10', 12', 15', 17-1/2', 20-1/2' and 25' widths. Heavy Duty Base Plate and ground post mounting options are available, depending on individual needs.
- End Frame Kits and End Cladding Kits sold separately. End Cladding Kits available in 8 mm Twin-Wall Polycarbonate or Corrugated Polycarbonate.

GROWSPAN 10'W LEAN-TO SERIES 2000 COMMERCIAL GREENHOUSES

STK#	SIZE	EACH
GLS220048	10'W x 48'L	$ 9,255.00
GLS220060	10'W x 60'L	11,039.00
GLS220072	10'W x 72'L	13,089.00
GLS220084	10'W x 84'L	15,045.00
GLS220096	10'W x 96'L	17,205.00

To indicate your desired anchoring method, add GP for Ground Posts or BP for Heavy Duty Base Plates to the end of the STK#.

GROWSPAN 12'W LEAN-TO SERIES 2000 COMMERCIAL GREENHOUSES

STK#	SIZE	EACH
GLS224048	12'W x 48'L	$10,049.00
GLS224060	12'W x 60'L	12,215.00
GLS224072	12'W x 72'L	14,309.00
GLS224084	12'W x 84'L	16,809.00
GLS224096	12'W x 96'L	19,089.00

To indicate your desired anchoring method, add GP for Ground Posts or BP for Heavy Duty Base Plates to the end of the STK#.

GROWSPAN 15'W LEAN-TO SERIES 2000 COMMERCIAL GREENHOUSES

STK#	SIZE	EACH
GLS230048	15'W x 48'L	$10,975.00
GLS230060	15'W x 60'L	13,825.00
GLS230072	15'W x 72'L	15,645.00
GLS230084	15'W x 84'L	18,315.00
GLS230096	15'W x 96'L	20,755.00

To indicate your desired anchoring method, add GP for Ground Posts or BP for Heavy Duty Base Plates to the end of the STK#.

GROWSPAN 17-1/2'W LEAN-TO SERIES 2000 COMMERCIAL GREENHOUSES

STK#	SIZE	EACH
GLS235048	17-1/2'W x 48'L	$12,565.00
GLS235060	17-1/2'W x 60'L	15,325.00
GLS235072	17-1/2'W x 72'L	18,125.00
GLS235084	17-1/2'W x 84'L	21,035.00
GLS235096	17-1/2'W x 96'L	23,909.00

To indicate your desired anchoring method, add GP for Ground Posts or BP for Heavy Duty Base Plates to the end of the STK#.

GROWSPAN 20-1/2'W LEAN-TO SERIES 2000 COMMERCIAL GREENHOUSES

STK#	SIZE	EACH
GLS241048	20-1/2'W x 48'L	$13,235.00
GLS241060	20-1/2'W x 60'L	16,129.00
GLS241072	20-1/2'W x 72'L	19,209.00
GLS241084	20-1/2'W x 84'L	22,515.00
GLS241096	20-1/2'W x 96'L	24,465.00

To indicate your desired anchoring method, add GP for Ground Posts or BP for Heavy Duty Base Plates to the end of the STK#.

GROWSPAN 25'W LEAN-TO SERIES 2000 COMMERCIAL GREENHOUSES

STK#	SIZE	EACH
GLS250048	25'W x 48'L	$14,579.00
GLS250060	25'W x 60'L	18,109.00
GLS250072	25'W x 72'L	21,605.00
GLS250084	25'W x 84'L	25,169.00
GLS250096	25'W x 96'L	28,649.00

To indicate your desired anchoring method, add GP for Ground Posts or BP for Heavy Duty Base Plates to the end of the STK#.

GROWSPAN LEAN-TO SERIES 2000 COMMERCIAL GREENHOUSE END FRAME KITS

STK#	SIZE	EACH
GLK2EW20120	10'	$ 505.00
GLK2EW24120	12'	605.00
GLK2EW30120	15'	835.00
GLK2EW35120	17-1/2'	935.00
GLK2EW41120	20-1/2'	1,165.00
GLK2EW50120	25'	1,739.00

To indicate your desired anchoring method, add G for Ground Posts or B for Heavy Duty Base Plates to the end of the STK#.

GROWSPAN LEAN-TO SERIES 2000 COMMERCIAL GREENHOUSE END CLADDING KITS

STK#	WIDTH	CORRUGATED POLYCARBONATE EACH	8 MM TWIN-WALL POLYCARBONATE EACH
GLK2EWC22120	10'	$449.00	$ 539.00
GLK2EWC24120	12'	509.00	599.00
GLK2EWC30120	15'	629.00	755.00
GLK2EWC35120	17-1/2'	705.00	925.00
GLK2EWC41120	20-1/2'	795.00	1,055.00
GLK2EWC50120	25'	859.00	1,285.00

For Corrugated Polycarbonate, add C to the end of your desired STK#. For 8 mm Twin-Wall Polycarbonate, add T to the end of your desired STK#.

GrowSpan's Series 750 Commercial Greenhouse is an industry game changer. This structure features a fully automated light deprivation system at a price point operations can't ignore.

GrowSpan™ Blackout System:

- Cost-effective automated light deprivation has never been this simple. This light dep system sits on a substructure within the greenhouse, and when in use, the blackout material ascends to the building's peak, creating total darkness in a matter of moments.
- The light deprivation system is cable driven and designed with fewer parts, so installation and maintenance are easier than traditional systems.
- The system is completely internal, so it's not susceptible to damage from wind or the elements.
- Optional Series 750 Equipment Packages are available.
- The greenhouse is manufactured with galvanized steel and designed for strength and resilience. Each structure can be engineered upon request for up to 25 psf ground snow load, 12 psf live load and 105 mph wind speed.
- Greenhouses are available at 32'W at a standard width, blackout width of 30' and lengths of 48', 72', 96' and 120'. It features a 16'H peak, 7'H sidewalls and a 6.3:12 roof pitch.
- Covered with inflatable film for improved insulation. End walls are white-black-white polycarbonate to provide superior energy efficiency and a clean, professional look.
- Includes Plyco double door.
- Option of lumber baseboard or galvanized steel baseboard. Lumber baseboard sold separately. The Series 750 comes with hardware for lumber baseboard. Galvanized steel baseboard option does include the steel baseboard.

Series 750 Equipment Packages

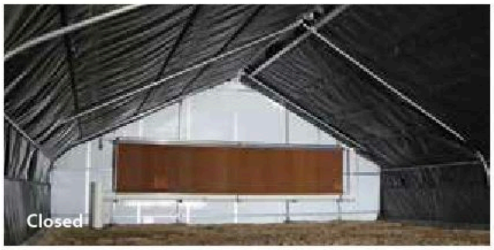
- GrowSpan's Greenhouse Specialists have already sized out these packages, so growers are ensured to get the proper setup for their GrowSpan Series 750 Commercial Greenhouse.
- Equipment packages include two exhaust fans with centrifugally activated shutters and low-profile light traps, an evaporative cooling system and end wall vent with white-black-white cladding and horizontal airflow fans with hanging equipment.
- Evaporative Wall is 4' x 19".

Mounting equipment in your GrowSpan Series 750 is a simple task with this Equipment Mounting Kit.

- This kit is great for mounting addition lights, circulation fans, wiring conduit and much more.
- Each kit contains a 2 x 2 square chord and hardware that spans the internal rafters and is suspended from the peak of the 6 x 6 main structure by a threaded rod.
- The equipment mounting height is approximately 9' above ground level.
- Maximum recommended weight per chord is 150 lbs.

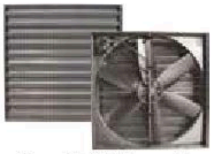
EQUIPMENT MOUNTING KIT

STK#	EACH
117278	$212.95



SERIES 750 EQUIPMENT PACKAGES INCLUDE

Breathable Wall Light Traps w/ framing and bracing


Slant Wall Exhaust Fan

ValuTek™ Horizontal Airflow Fan

Evaporative Cooling System

GROWSPAN SERIES 750 COMMERCIAL GREENHOUSES

STK#	SIZE	LUMBER BASEBOARD HARDWARE	GALVANIZED STEEL BASEBOARD	LUMBER BASEBOARD HARDWARE PLUS EQUIPMENT PACKAGE	GALVANIZED STEEL BASEBOARD PLUS EQUIPMENT PACKAGE
GS7532048	32'W X 48'L	$33,925.00	$34,739.00	$43,355.00	$44,145.00
GS7532072	32'W X 72'L	43,665.00	44,285.00	54,259.00	55,309.00
GS7532096	32'W X 96'L	53,235.00	53,829.00	64,315.00	65,635.00
GS7532120	32'W X 120'L	63,155.00	64,685.00	74,735.00	75,519.00

*Add an L to the end of the STK# for lumber baseboard, S for galvanized steel baseboard and/or E for the equipment package.

Eliminate penetration of insects and other pests, while providing maximum airflow.

- Transparent, woven, natural-color, HDPE anti-virus screen is ideal for all vents, doors and more.
- Construction: 51 x 25 mesh.
- UV stabilized.
- Creates a controlled environment, eliminating pests and preventing plant disease.
- Offers a 12% shade factor.
- Reduces the need for spraying and exposure to costly and undesirable pesticides.
- Excludes Whitefly, Aphids, Leafminers and up to 80% of Western Flower Thrips in field applications.
- Lightweight and easy to install. Use our Poly Latch, Fabric Clips or Batten Tape for fast installation.
- Maximum roll length: 300'.
- Priced per linear ft.
- Insect Screen Kits are easily installed when paired with Growers Supply's hinged end wall vents. The kits provide ample surface area for superior air flow, and the frame and hardware required to connect the vent framing is included.

INSECT SCREENING

		PRICE PER LINEAR FT.	
STK#	WIDTH	1'-299'	300' ROLL
113819	6-1/2'	$4.75	$4.59
105221	13'	6.69	6.45

CUSTOM FABRICATION AND SUPPLIES

STK#	ITEM	EACH
CC3046	Small Panel (under 300 sq. ft.)	$30.29
CC3047	Reinforcing Tape per ft.	0.63
CC3051	Brass Grommet - #2 with 3/8" hole	0.60
CC3048	Seaming to make larger panel	0.66
CC3049	Slitting to make smaller panel	0.60

INSECT SCREEN KITS

STK#	DIMENSIONS	EACH
115371H3L15	3'H x 15'W	$ 965.00
115371H3L20	3'H x 20'W	1,045.00
115371H3L25	3'H x 25'W	1,139.00
115371H3L30	3'H x 30'W	1,209.00
115371H3L35	3'H x 35'W	1,329.00
115371H4L15	4'H x 15'W	675.00
115371H4L20	4'H x 20'W	769.00
115371H4L25	4'H x 25'W	855.00
115371H4L30	4'H x 30'W	975.00
115371H4L35	4'H x 35'W	1,035.00
115371H5L15	5'H x 15'W	1,015.00
115371H5L20	5'H x 20'W	1,109.00
115371H5L25	5'H x 25'W	1,269.00
115371H5L30	5'H x 30'W	1,375.00
115371H5L35	5'H x 35'W	1,485.00
115371H6L15	6'H x 15'W	1,035.00
115371H6L20	6'H x 20'W	1,145.00
115371H6L25	6'H x 25'W	1,185.00
115371H6L30	6'H x 30'W	1,385.00
115371H6L35	6'H x 35'W	1,515.00

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

Effinity93
MODINE

Raise your comfort levels and lower your energy costs with the most efficient condensing unit heater you can buy.

- 93% efficient means you will benefit from substantial energy savings each heating season.
- The Effinity 93 guards against mold and maintains uniform wall-to-wall temperatures with consistent air circulation.
- Designed specifically for corrosive environments, this heater is ideal for greenhouses, barns, poultry houses, commercial buildings and more.
- Unit features two heat exchangers. The primary is aluminized steel, while the secondary is stainless steel.
- Ability to be vented as either 2-pipe or concentric vent system with 3" and 4" PVC pipe for quick, efficient and cost-effective installation.
- Separated combustion eliminates operating issues caused by negative pressure, dust and moisture.
- Durable, baked-on polyester powder-coated cabinet.
- High Altitude Kit is required for altitudes over 2,000 ft. Ask your National Account Manager for details.

MODINE™ EFFINITY 93 CONDENSING UNIT HEATER

STK#	TYPE	BTU/HR INPUT	BTU/HR OUTPUT	EACH
113741	Natural Gas	55,000	51,150	$2,319.00
113742	Propane	55,000	51,150	2,319.00
113743	Natural Gas	65,000	60,450	2,549.00
113744	Propane	65,000	60,450	2,549.00
113745	Natural Gas	85,000	79,050	3,139.00
113746	Propane	85,000	79,050	3,139.00
113747	Natural Gas	110,000	102,300	3,759.00
113748	Propane	110,000	102,300	3,759.00
109777N	Natural Gas	135,000	125,550	4,679.00
109777P	Propane	135,000	125,550	4,679.00
109778N	Natural Gas	155,000	144,150	5,025.00
109778P	Propane	155,000	144,150	4,865.00
109779N	Natural Gas	180,000	167,400	5,179.00
109779P	Propane	180,000	167,400	5,179.00
109780N	Natural Gas	215,000	199,950	5,909.00
109780P	Propane	215,000	199,950	5,725.00
109781N	Natural Gas	260,000	241,800	6,205.00
109781P	Propane	260,000	241,800	6,015.00
109782N	Natural Gas	310,000	288,300	7,065.00
109782P	Propane	310,000	288,300	7,065.00

Univent Automatic Vent Opener keeps plants healthy.

- Allows solar-powered control of either top or side mounted window vents.
- Adjustable opening temperature of 60˚F to 75˚F and an 18" maximum opening.
- Soundless wax motor reacts to solar sensors, opening vent just enough, allowing for a quieter, morerelaxing environment.
- Works independent of power grid to continuously monitor greenhouse temperature.
- Recommended for use in temperatures up to 120˚F.
- Lifting capacity: 15 lbs.
- It is recommended that the vent cylinder be removed during the winter months.

UNIVENT AUTOMATIC VENT OPENER

STK#	EACH	4 & UP
104037	$79.95	$76.95

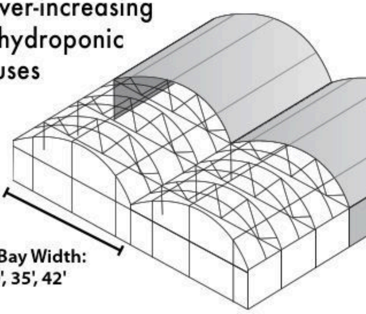
REPLACEMENT CYLINDER FOR SOLAR-POWERED VENT OPENER

STK#	EACH
113665	$29.00

Custom gutter-connect options available.

GrowSpan™ Series 1000 Commercial Greenhouses were developed to meet the ever-increasing demand for economical production of vegetables and bedding plants, as well as hydroponic growing. Featuring galvanized-steel frames that ensure durability, these greenhouses are the most cost-effective, versatile and energy-efficient available.

- Choose between 21', 24', 30', 35' and 42' widths. Heavy Duty Base Plate and ground post mounting options are available, depending on your needs.
- Extra-tall 10' side walls provide maximum usable space.
- The roof is made from double poly, and the greenhouse comes with an inflation kit for the sidewalls.
- Both sides of greenhouse comes with gutters.
- Arched-roof design minimizes snow, ice and water buildup.
- End Frame Kits are sold separately below, along with End Cladding Kits, available in 8 mm Twin-Wall Polycarbonate or Corrugated Polycarbonate.


Options for Bay Width:
21', 24', 30', 35', 42'

GROWSPAN 21'W SERIES 1000 COMMERCIAL GREENHOUSES

STK#	SIZE	EACH
GS121024	21'W x 24'L	$ 5,695.00
GS121036	21'W x 36'L	7,409.00
GS121048	21'W x 48'L	9,599.00
GS121060	21'W x 60'L	11,029.00
GS121072	21'W x 72'L	13,229.00
GS121084	21'W x 84'L	15,439.00
GS121096	21'W x 96'L	16,169.00

To indicate your desired anchoring method, add GP for Ground Posts or BP for Heavy Duty Base Plates to the end of the STK#.

GROWSPAN 24'W SERIES 1000 COMMERCIAL GREENHOUSES

STK#	SIZE	EACH
GS124024	24'W x 24'L	$ 5,245.00
GS124036	24'W x 36'L	7,289.00
GS124048	24'W x 48'L	10,159.00
GS124060	24'W x 60'L	12,549.00
GS124072	24'W x 72'L	14,509.00
GS124084	24'W x 84'L	17,139.00
GS124096	24'W x 96'L	19,589.00

To indicate your desired anchoring method, add GP for Ground Posts or BP for Heavy Duty Base Plates to the end of the STK#.

GROWSPAN 30'W SERIES 1000 COMMERCIAL GREENHOUSES

STK#	SIZE	EACH
GS130024	30'W x 24'L	$ 6,049.00
GS130036	30'W x 36'L	7,989.00
GS130048	30'W x 48'L	10,539.00
GS130060	30'W x 60'L	13,159.00
GS130072	30'W x 72'L	15,319.00
GS130084	30'W x 84'L	18,269.00
GS130096	30'W x 96'L	20,889.00

To indicate your desired anchoring method, add GP for Ground Posts or BP for Heavy Duty Base Plates to the end of the STK#.

GROWSPAN 35'W SERIES 1000 COMMERCIAL GREENHOUSES

STK#	SIZE	EACH
GS135024	35'W x 24'L	$ 7,669.00
GS135036	35'W x 36'L	11,759.00
GS135048	35'W x 48'L	11,759.00
GS135060	35'W x 60'L	15,599.00
GS135072	35'W x 72'L	17,649.00
GS135084	35'W x 84'L	20,449.00
GS135096	35'W x 96'L	22,789.00

To indicate your desired anchoring method, add GP for Ground Posts or BP for Heavy Duty Base Plates to the end of the STK#.

GROWSPAN 42'W SERIES 1000 COMMERCIAL GREENHOUSES

STK#	SIZE	EACH
GS142024	42'W x 24'L	$ 8,645.00
GS142036	42'W x 36'L	13,919.00
GS142048	42'W x 48'L	13,919.00
GS142060	42'W x 60'L	17,399.00
GS142072	42'W x 72'L	20,879.00
GS142084	42'W x 84'L	24,359.00
GS142096	42'W x 96'L	27,839.00

To indicate your desired anchoring method, add GP for Ground Posts or BP for Heavy Duty Base Plates to the end of the STK#.

GROWSPAN SERIES 1000 COMMERCIAL GREENHOUSE END FRAME KITS

STK#	SIZE	EACH
GK1EW21120	21'	$ 575.00
GK1EW24120	24'	595.00
GK1EW30120	30'	995.00
GK1EW35120	35'	1,065.00
GK1EW42120	42'	1,175.00

To indicate your desired anchoring method, add G for Ground Posts or B for Heavy Duty Base Plates to the end of the STK#.

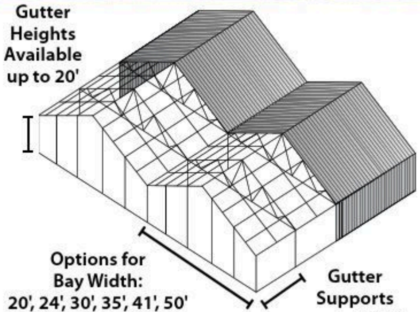
GROWSPAN SERIES 1000 COMMERCIAL GREENHOUSE END CLADDING KITS

STK#	WIDTH	CORRUGATED POLYCARBONATE EACH	8 MM TWIN-WALL POLYCARBONATE EACH
GK1EWC21120	21'	$ 795.00	$ 975.00
GK1EWC24120	24'	815.00	1,005.00
GK1EWC30120	30'	1,165.00	1,335.00
GK1EWC35120	35'	1,275.00	1,585.00
GK1EWC42120	42'	1,495.00	1,855.00

For Corrugated Polycarbonate, add C to the end of your desired STK#. For 8 mm Twin-Wall Polycarbonate, add T to the end of your desired STK#.

GrowSpan Series 2000 Commercial Greenhouses are the solution to the demand for modernized vegetable, bedding plant and hydroponic production. Designed to provide the optimal growing environment, these structures feature an energy efficient 6/12 roof design.

- Choose between 20', 24', 30', 35', 41' and 50' widths. Heavy Duty Base Plate and ground post mounting options are available, depending on your needs.
- Extra-tall 10' side walls provide maximum usable space.
- Peak-roof design allows ventilation during almost all weather conditions. Optional end vent kits are also available for added ventilation. Ask your greenhouse specialist for details.
- 6/12 roof design minimizes snow, ice and water buildup and increases air flow for a more comfortable production environment.
- Energy-saving 8 mm polycarbonate roof, sides and end walls are impact and UV-resistant.
- End Frame Kits are sold separately below, along with End Cladding Kits, available in 8 mm Twin-Wall Polycarbonate or Corrugated Polycarbonate.


Gutter Heights Available up to 20'
Options for Bay Width: 20', 24', 30', 35', 41', 50'
Gutter Supports up to 12'W

GROWSPAN 20'W SERIES 2000 COMMERCIAL GREENHOUSES

STK#	SIZE	EACH
GS220024	20'W x 24'L	$ 8,275.00
GS220036	20'W x 36'L	11,409.00
GS220048	20'W x 48'L	11,409.00
GS220060	20'W x 60'L	14,249.00
GS220072	20'W x 72'L	17,109.00
GS220084	20'W x 84'L	19,969.00
GS220096	20'W x 96'L	22,809.00

To indicate your desired anchoring method, add GP for Ground Posts or BP for Heavy Duty Base Plates to the end of the STK#.

GROWSPAN 24'W SERIES 2000 COMMERCIAL GREENHOUSES

STK#	SIZE	EACH
GS224024	24'W x 24'L	$ 8,659.00
GS224036	24'W x 36'L	12,215.00
GS224048	24'W x 48'L	17,479.00
GS224060	24'W x 60'L	21,099.00
GS224072	24'W x 72'L	24,259.00
GS224084	24'W x 84'L	27,179.00
GS224096	24'W x 96'L	31,059.00

To indicate your desired anchoring method, add GP for Ground Posts or BP for Heavy Duty Base Plates to the end of the STK#.

GROWSPAN 30'W SERIES 2000 COMMERCIAL GREENHOUSES

STK#	SIZE	EACH
GS230024	30'W x 24'L	$ 9,975.00
GS230036	30'W x 36'L	13,585.00
GS230048	30'W x 48'L	19,099.00
GS230060	30'W x 60'L	22,769.00
GS230072	30'W x 72'L	26,759.00
GS230084	30'W x 84'L	31,869.00
GS230096	30'W x 96'L	36,419.00

To indicate your desired anchoring method, add GP for Ground Posts or BP for Heavy Duty Base Plates to the end of the STK#.

GROWSPAN 35'W SERIES 2000 COMMERCIAL GREENHOUSES

STK#	SIZE	EACH
GS235024	35'W x 24'L	$10,755.00
GS235036	35'W x 36'L	15,195.00
GS235048	35'W x 48'L	21,209.00
GS235060	35'W x 60'L	25,559.00
GS235072	35'W x 72'L	30,659.00
GS235084	35'W x 84'L	35,779.00
GS235096	35'W x 96'L	40,799.00

To indicate your desired anchoring method, add GP for Ground Posts or BP for Heavy Duty Base Plates to the end of the STK#.

GROWSPAN 41'W SERIES 2000 COMMERCIAL GREENHOUSES

STK#	SIZE	EACH
GS241024	41'W x 24'L	$11,879.00
GS241036	41'W x 36'L	16,275.00
GS241048	41'W x 48'L	22,059.00
GS241060	41'W x 60'L	27,579.00
GS241072	41'W x 72'L	34,739.00
GS241084	41'W x 84'L	40,529.00
GS241096	41'W x 96'L	42,949.00

To indicate your desired anchoring method, add GP for Ground Posts or BP for Heavy Duty Base Plates to the end of the STK#.

GROWSPAN 50'W SERIES 2000 COMMERCIAL GREENHOUSES

STK#	SIZE	EACH
GS250024	50'W x 24'L	$11,759.00
GS250036	50'W x 36'L	17,249.00
GS250048	50'W x 48'L	23,999.00
GS250060	50'W x 60'L	29,999.00
GS250072	50'W x 72'L	35,899.00
GS250084	50'W x 84'L	42,149.00
GS250096	50'W x 96'L	52,629.00

To indicate your desired anchoring method, add GP for Ground Posts or BP for Heavy Duty Base Plates to the end of the STK#.

GROWSPAN SERIES 2000 COMMERCIAL GREENHOUSE END CLADDING KITS

STK#	WIDTH	CORRUGATED POLYCARBONATE EACH	8 MM TWIN-WALL POLYCARBONATE EACH
GK2EWC22120	20'	$ 779.00	$ 939.00
GK2EWC24120	24'	819.00	1,019.00
GK2EWC30120	30'	1,169.00	1,459.00
GK2EWC35120	35'	1,389.00	1,719.00
GK2EWC41120	41'	1,649.00	1,979.00
GK2EWC50120	50'	1,989.00	2,479.00

For Corrugated Polycarbonate, add C to the end of your desired STK#. For 8 mm Twin-Wall Polycarbonate, add T to the end of your desired STK#.

GROWSPAN SERIES 2000 COMMERCIAL GREENHOUSE END FRAME KITS

STK#	SIZE	EACH
GK2EW22120	20'	$ 569.00
GK2EW24120	24'	759.00
GK2EW30120	30'	1,049.00
GK2EW35120	35'	1,159.00
GK2EW41120	41'	1,339.00
GK2EW50120	50'	1,959.00

To indicate your desired anchoring method, add G for Ground Posts or B for Heavy Duty Base Plates to the end of the STK#.

GrowSpan™ Manual Shade Systems are cable-driven, easy to operate and provide growers with a cost-effective alternative for improving greenhouse lighting and temperature control.

- Manual shade systems require less installation time and offer average of 30% cost savings compared to automated shade system of equal size.
- These systems are available as roof only profile and are designed for use with GrowSpan's Educator, Series 1000 and Series 2000 Commercial Greenhouses.
- Chain hoist operator hangs 13' and is controlled by hand to open or close curtain panels. Can be cut and adjusted if needed to provide optimal hanging height.
- Takes approximately 1/5 of time to fully open or fully close curtains compared to automated system.
- Operator can be installed anywhere along customer's choice of rafter.
- Systems come equipped with 40% shade material. Custom material options available upon request.
- Each shade system can be acquired with or without flashing.

MANUAL SHADE SYSTEM FOR EDUCATOR GREENHOUSES

STK#	SIZE	EACH	WITH FLASING EACH
MCSH14X12	14'W x 12'L	$1,769.00	$2,065.00
MCSH14X24	14'W x 24'L	2,049.00	2,589.00
MCSH14X36	14'W x 36'L	2,375.00	3,159.00
MCSH14X48	14'W x 48'L	2,665.00	3,696.00

Add a F to the STK# for shade system with flashing.

MANUAL SHADE SYSTEM FOR 21'W S1000/20'W S2000

STK#	SIZE	EACH	WITH FLASING EACH
MCSH21X36	21'W x 36'L	$2,815.00	$3,599.00
MCSH21X48	21'W x 48'L	3,179.00	4,209.00
MCSH21X60	21'W x 60'L	3,569.00	4,845.00
MCSH21X72	21'W x 72'L	4,019.00	5,545.00
MCSH21X84	21'W x 84'L	4,419.00	6,189.00
MCSH21X96	21'W x 96'L	4,769.00	6,785.00
MCSH21X120	21'W x 120'L	5,529.00	8,039.00

Add a F to the STK# for shade system with flashing.

MANUAL SHADE SYSTEM FOR 24'W S1000/24'W S2000

STK#	SIZE	EACH	WITH FLASING EACH
MCSH24X36	24'W x 36'L	$3,019.00	$3,805.00
MCSH24X48	24'W x 48'L	3,439.00	4,469.00
MCSH24X60	24'W x 60'L	3,885.00	5,165.00
MCSH24X72	24'W x 72'L	4,395.00	5,919.00
MCSH24X84	24'W x 84'L	4,865.00	6,635.00
MCSH24X96	24'W x 96'L	5,279.00	7,295.00
MCSH24X120	24'W x 120'L	6,149.00	8,659.00

Add a F to the STK# for shade system with flashing.

MANUAL SHADE SYSTEM FOR 30'W S1000/30'W S2000

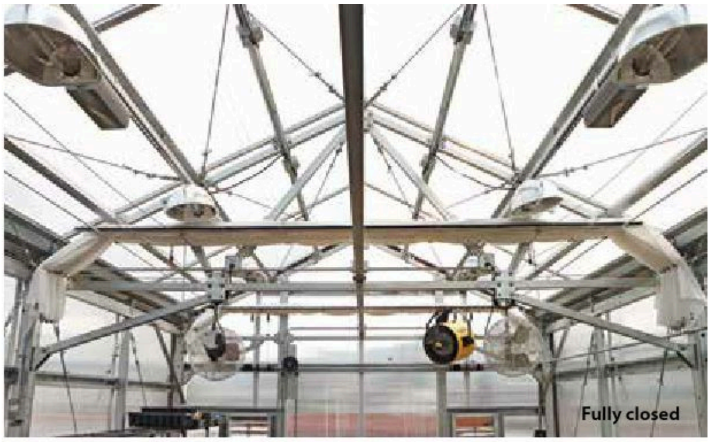
STK#	SIZE	EACH	WITH FLASING EACH
MCSH30X36	30'W x 36'L	$3,405.00	$4,189.00
MCSH30X48	30'W x 48'L	3,869.00	4,905.00
MCSH30X60	30'W x 60'L	4,489.00	5,765.00
MCSH30X72	30'W x 72'L	4,955.00	6,479.00
MCSH30X84	30'W x 84'L	5,469.00	7,239.00
MCSH30X96	30'W x 96'L	5,936.00	7,949.00
MCSH30X120	30'W x 120'L	7,015.00	9,519.00

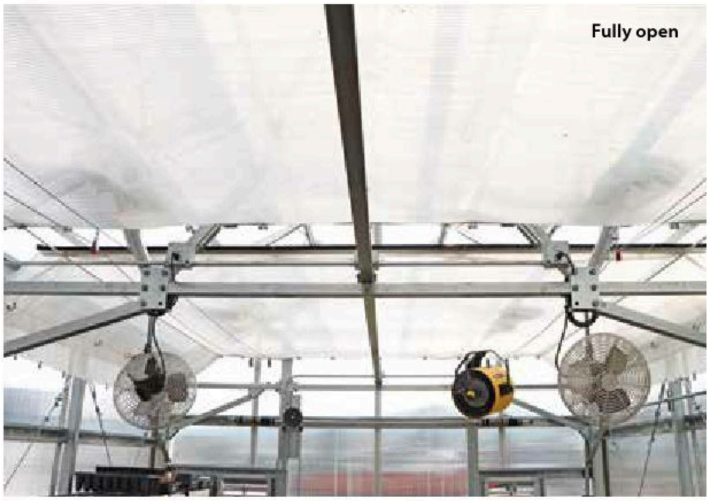
Add a F to the STK# for shade system with flashing.

MANUAL SHADE SYSTEM FOR 35'W S1000/35'W S2000

STK#	SIZE	EACH	WITH FLASING EACH
MCSH35X36	35'W x 36'L	$3,885.00	$ 4,669.00
MCSH35X48	35'W x 48'L	4,535.00	5,565.00
MCSH35X60	35'W x 60'L	5,139.00	6,415.00
MCSH35X72	35'W x 72'L	5,689.00	7,215.00
MCSH35X84	35'W x 84'L	6,305.00	8,075.00
MCSH35X96	35'W x 96'L	6,849.00	8,865.00
MCSH35X120	35'W x 120'L	8,115.00	10,619.00

Add a F to the STK# for shade system with flashing.


Fully closed


Fully open

Chain hoist

MANUAL SHADE SYSTEM FOR 42'W S1000/41'W S2000

STK#	SIZE	EACH	WITH FLASING EACH
MCSH42X36	42'W x 36'L	$4,285.00	$ 5,075.00
MCSH42X48	42'W x 48'L	4,995.00	6,025.00
MCSH42X60	42'W x 60'L	5,669.00	6,945.00
MCSH42X72	42'W x 72'L	6,289.00	7,815.00
MCSH42X84	42'W x 84'L	6,949.00	8,719.00
MCSH42X96	42'W x 96'L	7,659.00	9,669.00
MCSH42X120	42'W x 120'L	8,929.00	11,439.00

Add a F to the STK# for shade system with flashing.

MANUAL SHADE SYSTEM FOR 50'W S2000

STK#	SIZE	EACH	WITH FLASING EACH
MCSH50X36	50'W x 36'L	$ 4,975.00	$ 5,759.00
MCSH50X48	50'W x 48'L	5,695.00	6,725.00
MCSH50X60	50'W x 60'L	6,479.00	7,759.00
MCSH50X72	50'W x 72'L	7,219.00	8,745.00
MCSH50X84	50'W x 84'L	8,115.00	9,879.00
MCSH50X96	50'W x 96'L	8,819.00	10,835.00
MCSH50X120	50'W x 120'L	10,919.00	13,425.00

Add a F to the STK# for shade system with flashing.

⚠ **WARNING:** Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Customize your new or existing greenhouse roof, ventilation system and more with Aluminum Extrusions.

- Manufactured from 6063-grade aluminum for durability.
- Design the ideal roof, sidewall or end-wall vents for your structures.

ALUMINUM EXTRUSIONS FOR A-FRAME GREENHOUSE CONSTRUCTION

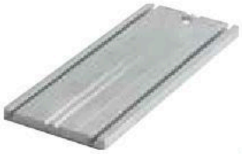
STK#	ITEM	EACH
111601Z096	8' Roof Mullion Gasket System	$26.75
111601Z144	12' Roof Mullion Gasket System	30.85
111601	24' Roof Mullion Gasket System	58.95
111604Z096	8' Roof Mullion Cap Gasket System	29.95
111604Z144	12' Roof Mullion Cap Gasket System	31.89
111604D	24' Roof Mullion Cap Gasket System	78.95

ALUMINUM EXTRUSIONS FOR ARCH-TYPE GREENHOUSE CONSTRUCTION

STK#	ITEM	EACH
111612Z096	8' Polyethylene Roof Vent Bottom Rail	$23.65
111612Z144	12' Polyethylene Roof Vent Bottom Rail	30.85
111612	24' Polyethylene Roof Vent Bottom Rail	54.95

ALUMINUM EXTRUSIONS FOR A-FRAME AND ARCH-TYPE GREENHOUSE CONSTRUCTION

STK#	ITEM	EACH
111608Z096	8' End Wall Bar/Vent Bar Cap	$24.95
111608Z144	12' End Wall Bar/Vent Bar Cap	25.95
111608	24' End Wall Bar/Vent Bar Cap	31.89
111609Z096	8' End Wall Bar/Vent Bar	19.55
111609Z144	12' End Wall Bar/Vent Bar	37.95
111609	24' End Wall Bar/Vent Bar	68.95
111610Z096	8' End Wall Vent Bottom Rail	25.75
111610Z144	12' End Wall Vent Bottom Rail	27.79
111611Z096	8' End Wall Vent Top Rail	36.95
111611Z144	12' End Wall Vent Top Rail	37.95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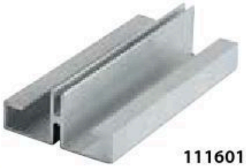
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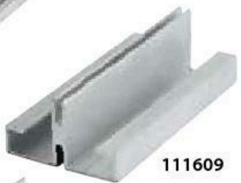
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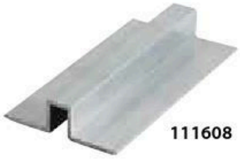
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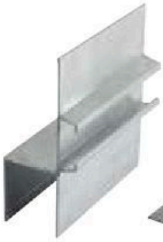
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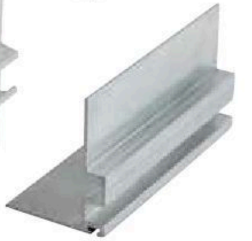
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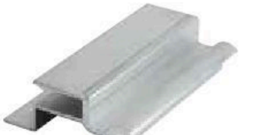

111611Z144

Reliable, low-maintenance Power Vent System includes durable rack and pinion setup for automated greenhouse ventilation.

- Ideal for new greenhouses, our Power Vent System can be customized for any size side, roof or end wall vents.
- Manufactured from high-quality components for long-lasting use.
- Single phase 115 V motor features a self-braking, worm-drive transmission and a patented integrated linear limit switch system.
- Make your system complete with one of our Link4 iGrow Controllers, sold separately.
- We offer all the components you need to create a custom vent system for your greenhouse. Call one of our greenhouse specialists to design your system today.

111680 w/ 111679

111673 w/ 111679

111679

111681

115069

115093

115358

111674

GREENHOUSE POWER VENT SYSTEM

STK#	ITEM	EACH
115093	Polydrive Vent Motor, Single Phase, 115 V	$969.00
111680	Vent Rack	10.25
111673	Curved Vent Rack	12.35
111679	Vent Rack Drive	12.35
111674	Vent Bearing Plate	11.00
115358	Vent Chain Bolt Coupling	63.95
115069	Vent Mounting Plate	10.95
111681	Vent Window Connector	3.05

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

Customize the ideal gutters for Arch-Type and A-Frame Greenhouses with our gutter components and accessories.

- Manufactured from durable 12-gauge galvanized steel.
- Gutter Saddles ensure secure installation of gutters to roofs.
- Two gutter types available: with or without downspout.
- Install your gutter system with our Drip Gutters to collect condensation from gutter undersides. Drip Gutters are available in two lengths and are manufactured from 6063-grade aluminum.

Gutter Saddle

Open-Ended Gutter

Gutter Extension w/Open Ends

Gutter Extension w/Closed End

Gutter w/Downspout

GUTTERS AND ACCESSORIES FOR ARCH-TYPE GREENHOUSES

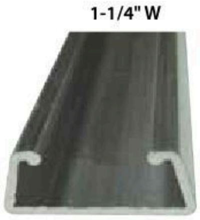
STK#	ITEM	LENGTH	EACH
111629	Gutter Saddle	4"	$ 11.29
111630	Open-Ended Gutter	143-5/8"	201.95
111631	Gutter w/Downspout	143-5/8"	201.95
111632	Extension w/Closed End and Downspout	12"	113.95
111633	Extension w/Closed End	12"	119.95
111634	Extension w/Open Ends	12"	36.95

GUTTERS AND ACCESSORIES FOR A-FRAME GREENHOUSES

STK#	ITEM	LENGTH	EACH
111908	Gutter Saddle	4"	$ 8.19
111909	Open-Ended Gutter	143-5/8"	195.95
111910	Gutter w/Downspout	143-5/8"	78.95
111911	Extension w/Closed End	12"	113.95
111912	Extension w/Closed End and Downspout	12"	78.95
111913	Extension w/Open Ends	12"	36.95

Makes greenhouse film, shade cloth and curtain installation fast and easy.

- Reusable latches hold material up to 20 mil thick.
- Creates a professional, finished appearance.



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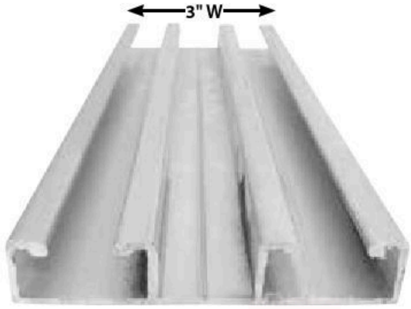


104211

ALUMINUM POLY LATCHES

STK#	ITEM	EACH	50-99	100 & UP
102197	Single U-Channel 8'L	$10.27	$ 9.86	$ 9.46
104211	Double U-Channel 8'L	37.95	36.95	35.95
102198A	0.10 Spring 6.5'L	3.15	3.05	2.89

Polypropylene Curtain Retaining Strapping

- Extremely durable and highly UV resistant.
- Smooth, wide surface retains curtain and prevents wear.
- Ratchets help to keep strap tight.
- May contain up to two splices per roll.

POLYPROPYLENE CURTAIN RETAINING STRAPPING

STK#	SIZE	COLOR	CAPACITY	ROLL	EACH	6 & UP
CC5330	1-3/4"	Black	Utility	300'	$ 14.75	$ 14.19
CC5335	2-3/4"	Black	Utility	300'	29.95	27.95
CC5340	2-3/4"	White	Utility	300'	22.95	21.95
111390	1"	Black	3,000 lbs.	300'	86.95	83.95
109621	2"	White	3,000 lbs.	300'	61.95	59.95
108013	2"	Black	3,000 lbs.	300'	61.95	59.95
109748*	2"	Premium White	2,500 lbs.	300'	60.95	–
112109	2"	Yellow	10,000 lbs.	300'	167.95	161.95
109622	4"	White	5,000 lbs.	150'	53.95	51.95
108014	4"	Black	5,000 lbs.	150'	57.95	55.95

*Premium White Strapping has a tighter weave, making it more durable and ideal for all anti-billowing applications.

Making gutter repairs has never been easier or more economical.

- Patch holes and line existing gutters with minimal labor and cost.
- Lightweight, Heavy Duty, reinforced geomembrane black fabric is available in either 24 mil or 36 mil.
- Specially formulated polyester scrim, with polypropylene barrier layers will not rot and has a long life expectancy.
- UV-resistant material holds shape well and can handle extreme weather conditions.
- We recommend using our Premium Sealing and Repair tape, sold separately. Adheres to metal, plastic and rusted areas.
- Priced per linear ft. Minimum order 20 ft.

GUTTER REPAIR SYSTEM

			PRICE PER LINEAR FT.	
STK#	WIDTH	MIL	20'-99'	100' & UP
105543	12"	24	$1.45	$1.39
105547	12"	36	1.75	1.69
105544	18"	24	2.15	2.09
105548	18"	36	2.49	2.39
105545	24"	24	2.85	2.75
105549	24"	36	3.15	3.05
105550	36"	36	4.79	4.65

PREMIUM SEAMING AND REPAIR TAPE*

STK#	EACH	6 & UP
105383	$133.95	$129.95

Quality remnants that save you money.

- Economical way to secure poly film to greenhouses or to any structure.
- Prevents wind lift up and ripping.
- Flexible and easy to use. Just unroll, hold in place and fasten.
- Can be used to hold tarps down over construction projects and as tree wrap.
- 3" woven polyethylene or laminated vinyl strips are UV resistant and come in assorted colors in 6 mil to 24 mil thickness. Color will be based on availability.

ALL-PURPOSE BATTEN STRIPS

STK#	SIZE	EACH
105552	3" x 200'	$103.95
105553	3" x 300'	131.95
105554	3" x 400'	110.95
105555	3" x 1,500'	147.95
105556	3" x 2,400'	173.95

Recycled Plastic Lumber is the environmentally-friendly and maintenance-free choice for your next building project.

- Perfect for use in construction of tables and benches, fencing, raised beds and sand boxes.
- Extremely durable. Will not rot, split, crack, splinter or need to be replaced after time like real wood. No need for painting, staining or waterproofing.
- Color goes through the entire piece and is protected by UV stabilizers, so there is no dramatic fading after exposure to the elements.
- Can either be nailed or screwed.
- For best results please predrill holes at least one size bigger.
- Color: Black.

RECYCLED PLASTIC LUMBER

STK#	SIZE	EACH	50 & UP
116632	5/8"W x 2-1/2"H x 8'L	$13.95	$12.95
116633	5/8"W x 2-1/2"H x 12'L	19.95	18.95
116634	1-1/2"W x 3-1/2"H x 12'L	55.95	49.95
116635	1-1/2"W x 5-1/2"H x 8'L	59.95	55.95
116636	1-1/2"W x 5-1/2"H x 12'L	85.95	79.95

Excellent resistance to moisture, chemicals ,acids, alkalis, oils, abrasion and weathering.

- Primarily used for splicing polyethylene film.
- Also ideal as a weather seal for plastic storm windows, door jambs and window casings in low temperature environments.
- 6 mil, high-sheer, UV-resistant acrylic adhesive with excellent holding properties and cold stick.
- Excellent moisture barrier.
- Conforms well to irregular surfaces.

GREENHOUSE PREMIUM REPAIR TAPE

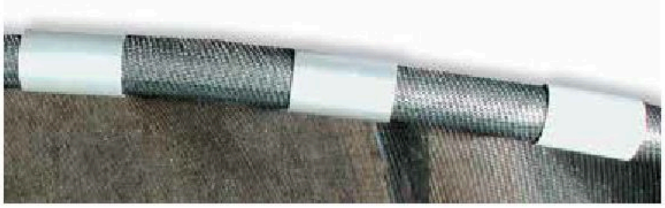
STK#	ROLL SIZE	EACH	DISCOUNT PRICE
105434	2" x 108'	$21.95	$20.95 (24 & up)
105435	4" x 108'	37.95	36.95 (12 & up)
105436	6" x 108'	57.95	55.95 (8 & up)
105437	10" x 108'	86.95	83.95 (4 & up)

Foam sealant weather strip is designed to seal against rain, wind, humidity, sound, draft and dust.

- Use around doors, windows and vents.
- Pre-compressed, self-expanding black polyurethane foam sealant.
- Easy to apply and long lasting.
- Self-adhesive, adhering to both sides of the joint.
- Excellent resistance to weather, aging and fungi.
- 20' roll expands from 1/4" x 1" to 1" squared when applied.

PRE-COMPRESSED FOAM WEATHER STRIP

STK#	EACH	10 & UP
111983	$34.45	$33.09



Fastening shade, greenhouse film and curtain is a snap with our Labor Saver Aluminum Fabric Clips.

LABOR SAVER ALUMINUM FABRIC CLIPS

STK#	FITS	EACH	100 & UP
CC6209	0.706" OD Pipe	$0.64	–
CC6211	0.922" OD Pipe	1.45	$1.39
105107	1.05" OD Pipe	1.65	1.59
CC6212	1.315" OD Pipe	1.72	1.65
CC6213	1.66" OD Pipe	1.95	1.89
CC6214	1.90" OD Pipe	2.21	2.15
CC6216	2.375" OD Pipe	3.35	3.25

Extend the life of your greenhouse covering.

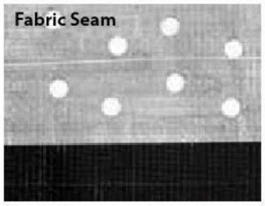
- Run this one-sided adhesive felt tape along your greenhouse rafters to reduce wearing and chafing of your greenhouse covering.
- Prevents film degrading as film does not rub against pipe.
- Comes in easy-to-use 1.5" x 40' rolls.

GUARDIAN FELT TAPE

STK#	EACH	12 & UP
104437	$25.75	$24.75

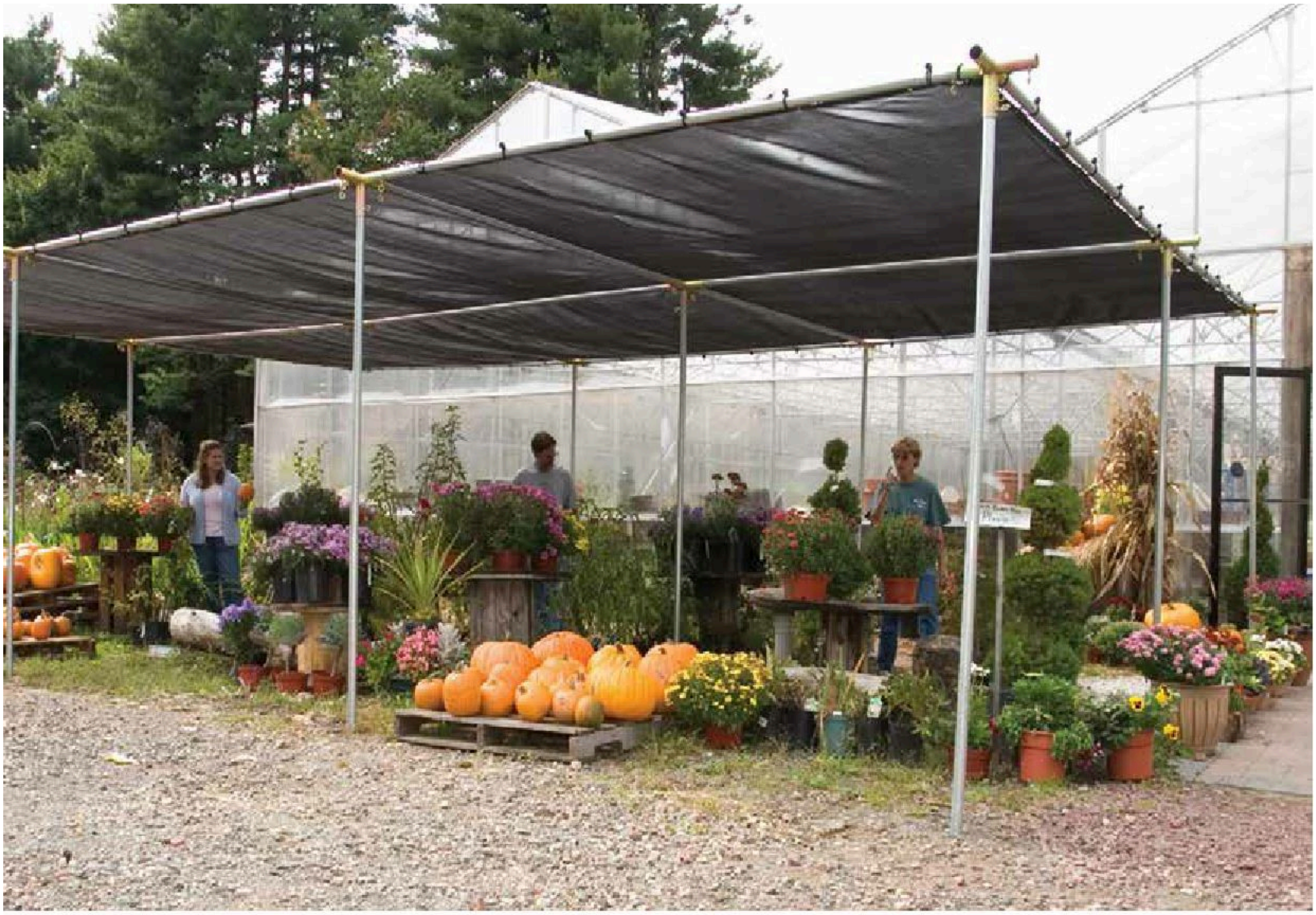
Just peel off backing and place for quick, long-lasting repairs.

- Ideal for patching rips or tears in curtains, tarps and vapor barriers.
- 60 ft. of clear, durable polyethylene tape per roll.
- Single-sided strength. No backup tape needed.



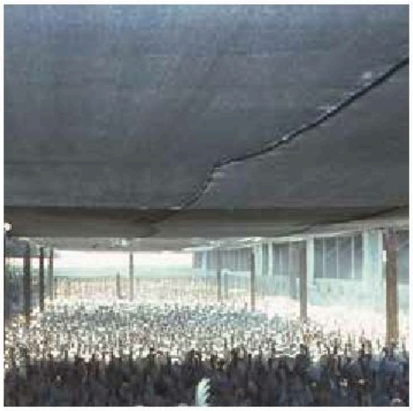
SUPERTAPE SEAMING AND FABRIC REPAIR TAPE

STK#	SIZE	EACH
101616	3" x 60'	$34.19
102376	6" x 60'	52.95



SunBlocker™ Flat-Top Shade Systems are an economical and efficient solution for your horticulture, recreational or livestock needs.

- Offers immediate relief from the sun for people, plants and animals.
- Frame is constructed from 14-gauge, 1.66" OD, triple-galvanized structural steel tubing that offers maximum rust and corrosion resistance.
- 8'H legs.
- Block size: 10' x 10'.
- Design your own system. 5-way fittings offer infinite expandability.
- Covers are manufactured from black knitted polyethylene shade fabric (your choice of 40% to 80%) that does not rot, mildew or become brittle.
- Shade panels are fastened to frames with our 8" Snugger Tie-Downs.
- Covers can be removed easily during "off season."
- Anchoring systems are available below. Ask your National Account Manager which system is best for your needs.



SUNBLOCKER™ ECONOMY SHADE SYSTEMS

STK#	SIZE	SQ. FT.	EACH
1010F	10'W x 10'L	100	$ 655.00
1020F	10'W x 20'L	200	895.00
1030F	10'W x 30'L	300	995.00
1040F	10'W x 40'L	400	1,025.00
1050F	10'W x 50'L	500	1,489.00
2020F	20'W x 20'L	400	1,375.00
2030F	20'W x 30'L	600	1,715.00
2040F	20'W x 40'L	800	2,075.00
2050F	20'W x 50'L	1,000	2,415.00
3030F	30'W x 30'L	900	2,569.00
3040F	30'W x 40'L	1,200	2,985.00
3050F	30'W x 50'L	1,500	3,259.00
4040F	40'W x 40'L	1,600	3,939.00
4050F	40'W x 50'L	2,000	4,459.00

Add 40, 50, 60, 70 or 80 to the end of the STK# for desired shade %.

SUNBLOCKER™ ECONOMY SHADE FRAME ONLY

STK#	SIZE	SQ. FT.	EACH
1010F	10'W x 10'L	100	$ 505.00
1020F	10'W x 20'L	200	745.00
1030F	10'W x 30'L	300	855.95
1040F	10'W x 40'L	400	1,109.00
1050F	10'W x 50'L	500	1,255.00
2020F	20'W x 20'L	400	1,055.00
2030F	20'W x 30'L	600	1,369.00
2040F	20'W x 40'L	800	1,655.00
2050F	20'W x 50'L	1,000	1,905.00
3030F	30'W x 30'L	900	2,159.00
3040F	30'W x 40'L	1,200	2,225.00
3050F	30'W x 50'L	1,500	2,569.00
4040F	40'W x 40'L	1,600	2,925.00
4050F	40'W x 50'L	2,000	3,259.00

Let SunBlocker™ shield plants, people, animals and vehicles from harmful sun.

- Protect your profits. Shield tender young plants from sunscorch and windburn.
- Great as a carport and for outdoor events, too.
- Manufactured with 2.375" OD 14-gauge, triple-galvanized structural steel tubing.
- Anchoring sold separately. Use ground posts for soil or Heavy Duty Base Plates for concrete.
- No-hassle, straightforward assembly.
- Design your own system. 5-way fittings offer infinite expandability.
- Choose black knitted polyethylene 40% to 80% shade cloth. Same low price for all.
- Available in 10'W x 10'H x 20'L and 20'W x 10'H x 20'L sections.
- High enough to keep heat out and allow equipment in.

SUNBLOCKER™ ADD-A-BAY SHADE SYSTEMS 20'W X 10'H X 20'L BLOCKS

STK#	SIZE	SQ. FT.	EACH
2020SS1	20'W x 20'L	400	$ 1,719.00
2040SS1	20'W x 40'L	800	2,799.00
2060SS1	20'W x 60'L	1,200	3,839.00
4040SS1	40'W x 40'L	1,600	4,899.00
4060SS1	40'W x 60'L	2,400	6,649.00
4080SS1	40'W x 80'L	3,200	7,299.00
6060SS1	60'W x 60'L	3,600	9,609.00
6080SS1	60'W x 80'L	4,800	12,245.00
60100SS1	60'W x 100'L	6,000	14,625.00
100100SS1	100'W x 100'L	10,000	19,865.00
200200SS1	200'W x 200'L	40,000	72,225.00

Add 40, 50, 60, 70 or 80 to the end of the STK# for desired shade %.

SUNBLOCKER™ ADD-A-BAY SHADE SYSTEMS 10'W X 10'H X 20'L BLOCKS

STK#	SIZE	SQ. FT.	EACH
1020SS	10'W x 20'L	200	$ 1,289.00
1040SS	10'W x 40'L	400	2,149.00
1060SS	10'W x 60'L	600	2,829.00
2020SS	20'W x 20'L	400	2,055.00
2040SS	20'W x 40'L	800	3,325.00
2060SS	20'W x 60'L	1,200	4,549.00
3020SS	30'W x 20'L	600	2,725.00
3040SS	30'W x 40'L	1,200	4,369.00
3060SS	30'W x 60'L	1,800	6,129.00
4040SS	40'W x 40'L	1,600	6,035.00
4060SS	40'W x 60'L	2,400	8,399.00
4080SS	40'W x 80'L	3,200	10,495.00

Add 40, 50, 60, 70 or 80 to the end of the STK# for desired shade %.

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

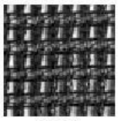
Your profits are "made in the shade." Choose from Commercial and Backyard Shade Houses for immediate relief from the sun for plants, people and animals.

- Both Commercial and Backyard Shade Houses offer choice of shade cloth from 40% to 80% for tops, sides and gable ends.
- Frame is triple-galvanized structural steel tubing, for maximum rust and corrosion resistance.
- If desired, vary density of shade cloth from section to section.
- All sizes are high enough to allow heat to escape.
- Top comes standard with Shade House. Side panels and gable ends are available.
- Shade covers are manufactured from knitted polyethylene fabric that does not rot, mildew or become brittle.
- Shade panels are fastened to frames with 8" Snugger Tie-Downs.
- Anchor kits are available. Ask your National Account Manager for details.
- We can manufacture any size Shade House.

Backyard Shade Houses

- Sturdy 17-gauge, 1.315" OD, triple-galvanized structural steel frames.
- 10' rafter spacing for fast assembly and portability.
- Use for plants, shrubs, people and animals. Great for those hot-day outings.

40%



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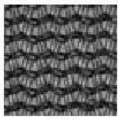

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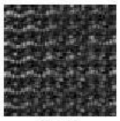

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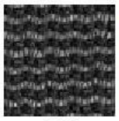


80%

BACKYARD SUNBLOCKER™ SHADE HOUSES

STK#	SIZE	EACH
1010SPC	10'W x 10'L	$535.00
1020SPC	10'W x 20'L	729.00
1030SPC	10'W x 30'L	875.00

Add 40, 50, 60, 70 or 80 to the end of your STK# for desired shade %.

Commercial Shade Houses

- Heavy Duty 14-gauge, 1.66" OD, triple-galvanized structural steel frames.
- 5' rafter spacing for extra support.
- Recommended for commercial growers to shield tender plants from the sun.
- Available up to 24' wide.

COMMERCIAL SUNBLOCKER™ SHADE HOUSES

STK#	SIZE	EACH
1820SPC	18'W x 20'L	$1,355.00
1830SPC	18'W x 30'L	1,979.00
1840SPC	18'W x 40'L	2,169.00
2020SPC	20'W x 20'L	1,479.00
2030SPC	20'W x 30'L	1,835.00
2040SPC	20'W x 40'L	2,355.00
2050SPC	20'W x 50'L	2,745.00
2060SPC	20'W x 60'L	3,259.00
2420SPC	24'W x 20'L	1,665.00
2430SPC	24'W x 30'L	2,075.00
2440SPC	24'W x 40'L	2,519.00
2450SPC	24'W x 50'L	2,925.00
2460SPC	24'W x 60'L	3,259.00

Add 40, 50, 60, 70 or 80 to the end of your STK# for desired shade %.

Custom Fabrication and Supplies Special Order Menu

CUSTOM FABRICATION AND SUPPLIES

STK#	ITEM	EACH
CC3046	Small Panel under 300 sq. ft.	$30.29
CC3047	Reinforcing Tape per ft.	0.63
CC3048	Seaming to make larger panel	0.66
CC3049	Splitting to make smaller panel	0.60
CC3051	Brass Grommet - #2 with 3/8" hole	0.60

Snugger Tie-Down

- Versatile.
- Easy to secure tarps, covers and banners to just about anything.

8" SNUGGER TIE-DOWN

STK #	EACH	100 & UP
CC4595	$0.65	$0.62

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

WHEN YOU CUSTOM ORDER CONSIDER

- Application.
- Percentage of shade needed.
- Size (length x width).
- Grommets (How far apart?)

SUNBLOCKER™ GABLE ENDS

STK#	SIZE	EACH
10GE	10' Wide	$159.00
18GE	18' Wide	235.00
20GE	20' Wide	259.00
24GE	24' Wide	315.00

Add 40, 50, 60, 70 or 80 to the end of your STK# for desired shade %.

SUNBLOCKER™ SIDE PANELS

STK#	SIZE	EACH
10SP	10' Long	$129.00
20SP	20' Long	159.00
30SP	30' Long	205.00
40SP	40' Long	279.00
50SP	50' Long	339.00
60SP	60' Long	369.00

Add 40, 50, 60, 70 or 80 to the end of your STK# for desired shade %.

BACKYARD SUNBLOCKER™ SHADE REPLACEMENT COVERS

STK#	SIZE	EACH
1010RC	10'W x 10'L	$175.00
1020RC	10'W x 20'L	185.00
1030RC	10'W x 30'L	195.00

Add 40, 50, 60, 70 or 80 to the end of your STK# for desired shade %.

COMMERCIAL SUNBLOCKER™ SHADE REPLACEMENT COVERS

STK#	SIZE	EACH
820RC	18'W x 20'L	$395.00
1830RC	18'W x 30'L	485.00
1840RC	18'W x 40'L	569.00
2020RC	20'W x 20'L	655.00
1820RC	18'W x 20'L	395.00
1830RC	18'W x 30'L	485.00
1840RC	18'W x 40'L	569.00
2020RC	20'W x 20'L	655.00

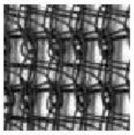
Add 40, 50, 60, 70 or 80 to the end of your STK# for desired shade %.

Pull and Cut SunBlocker™ Knitted Shade

- Make your own panels.
- Great for "do-it-yourself" applications.
- Lightweight with high tensile strength.
- Can be cut without unraveling.
- Can be bordered with tape and grommets for extra durability.
- Highly resistant to UV degradation and temperature extremes.
- Effective odor barrier, as knitted panels capture the dust carrying particles that spread odor.
- Green Knitted 90% Shade is the number one choice for most nurseries and decorative agriculture applications. Attractive green color makes this shade ideal for greenhouses, hoop structures, patios, porches, entry ways, livestock and poultry buildings, even dog kennels.
- Available in Black.
- When you custom order consider the application, percentage of shade needed, size (length x width) and finishes.

CUSTOM FABRICATION AND SUPPLIES

STK#	ITEM	EACH
CC3046	Small Panel (under 300 sq. ft.)	$30.29
CC3047	Reinforcing Tape per ft.	0.63
CC3048	Seaming to make larger panel	0.66
CC3049	Slitting to make smaller panel	0.60
CC3051	Brass Grommet - #2 with 3/8" hole	0.60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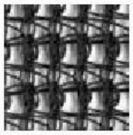
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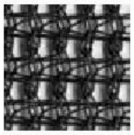
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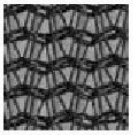
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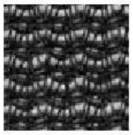
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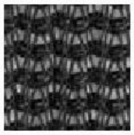

80%

SUNBLOCKER™ PREMIUM BULK POLYETHYLENE KNITTED SHADE

STK#	RECOMMENDED FOR	PERCENTAGE	SHADE COLOR	PRICE PER SQ. FT. EACH	PRICE PER SQ. FT. 300' ROLL
SHADE30	Snapdragons, Chrysanthemums, Geraniums	30	Black	$0.23	$0.22
SHADE40	Lilies, Bedding Planting, Caladiums	40	Black	0.26	0.25
SHADE50	Azaleas, Begonias, Violets, Poinsettias, Orchids	50	Black	0.29	0.28
SHADE60	Dieffenbachia, Stag Horn Fern, Rhododendron	60	Black	0.30	0.29
SHADE70	Fern, Anthurium, Dracaena, Philodendron, Livestock	70	Black	0.34	0.32
SHADE80	Livestock, Pets, People, Wind, Plants, Horse Barns	80	Black	0.44	0.42

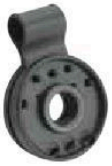
Add an A to the STK# when ordering full 300' roll.

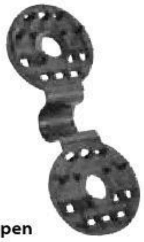
"Do-it-yourself" right on the job. Shade Clips take the place of grommets for attaching your shade cloth to structures or wire supports.

- No tools needed. Simply snap into place.
- Durable, all-weather polypropylene construction for long life.
- Can be reused.
- Clips cover a larger surface area on your fabric for added strength and stability.
- We recommend placing clips every 12" to 24".

SHADE CLIP

STK#	EACH	100 & UP
107438	$0.50	$0.48


Closed


Open

Prevent heat buildup and produce healthier plants in your greenhouse by reflecting heat and light with Reflective Shade.

- Reduce plant stress and improve the efficiency of your greenhouse ventilation system.
- Manufactured from coextruded white/white polyolefin film, Reflective Shade features a monofilament yarn structure for strength and long-lasting use without significant stretching. 60% shade is black/white.
- Provides solar reflection and cooling, as well as heat retention.
- Highly reflective white side limits light and heat transmission for more efficient greenhouse shading during the day.
- Ideal for use with our Heat Retention/Shade Screen Systems, sold separately.
- 5 year manufacturer's warranty.
- Can be bordered with tape and grommets for extra durability.
- Available in 30% to 60% shade.
- For indoor use only.

REFLECTIVE SHADE

STK#	SHADE PERCENTAGE	PRICE PER SQ. FT. EACH	PRICE PER SQ. FT. 984' ROLL
SHADE30R	30	$0.38	$0.34
SHADE40R	40	0.42	0.36
SHADE50R	50	0.44	0.39
SHADE60R	60	0.46	0.42

Add an A to the STK# when ordering full 984' roll.

CUSTOM FABRICATION AND SUPPLIES

STK#	ITEM	EACH
CC3046	Small Panel (under 300 sq. ft.)	$30.29
CC3047	Reinforcing Tape per ft.	0.63
CC3048	Seaming to make larger panel	0.66
CC3049	Slitting to make smaller panel	0.60
CC3051	Brass Grommet - #2 with 3/8" hole	0.60

SHADE PERCENTAGE	DIRECT LIGHT TRANSMISSION	DIFFUSED LIGHT TRANSMISSION	ENERGY SAVINGS
30	73%	69%	15%
40	62%	59%	15%
50	49%	45%	15%
60	33%	30%	20%

Remarkable solution for connecting netting or shade material to cable.

- Strong and resilient, this reusable connector is designed to be used with even the heaviest weight material.
- Rounded borders prevent damage to netting or shade.
- UV resistant.
- Holds strong even in extreme weather conditions.

RADIAL NET CONNECTOR

STK#	EACH	100 & UP
110009	$0.46	$0.45

Industrial-Quality Super Straps

- 1,650 PSI tensile strength.
- Extreme weatherability.
- Passes low temperature brittleness test at -40°F.
- Silicone-kilned, hard-temper galvanized wire hooks, dry-wax coated for rust protection.

SUPER STRAPS

STK#	SIZE	MAX. STRETCH	EACH
110275	9"	13.5"	$1.65
FA1405	15"	27"	1.95
FA1410	21"	36"	1.65
FA1415	31"	54"	2.21

The world's best tarp clip. Versatile clip is ideal for tarps, poly film, banners and more.

- This amazing fabric clip holds most materials up to 28 mil thick.
- Easy-to-use, slide-locking, grabs and holds the fabric, yet is puncture and tear safe.
- 9/16" diameter hole allows the clip to be tied to a rope or secured with bungees.
- 2-1/2" overall width.
- Long lasting. UV protected.
- Use with our Double Hook (110004), sold separately.
- We recommend placing clips every 12" to 24".
- A screw is included for securing option.

FABRIC/TARP CLIP

STK#	EACH	200 & UP
109921	$1.65	$1.59

Connect multiple pieces of shade or netting together with this multipurpose Double Hook.

- Makes dismantling and reinstallation of nets quick and easy.
- Ideal for use with our Fabric/Tarp Clip (109921), sold separately.
- UV protected. Long lasting.

DOUBLE HOOK

STK#	EACH	100 & UP
110004	$0.23	$0.22

HydroCycle 4" Pro NFT Series

HydroCycle Pro NFT Series Channels are popular because of their ease of use, unique design, efficiency and versatility. HydroCycle Channels are available in different sizes to accommodate all types of hydroponic growing. Whether you are producing flowers, tomatoes, cucumbers, capsicum, microgreens, zucchini, strawberries, lettuce, herbs or larger leafy crops, there is a HydroCycle Pro NFT Series Channel for your needs.

- Manufactured to NSF-certified specifications for growing edible produce.
- Constructed from UV-stabilized, recycled plastics for long life, and features capping that is nontoxic and NSF certified for safe use.
- Contoured base centralizes nutrient flow and contoured lids allow excess water to run off.
- Simple construction provides maximum aeration to the roots.
- Lids remain secure in all conditions, yet are easily removed for fast, efficient cleaning.
- 20 year manufacturer's warranty against defective workmanship.

The most unique feature of the HydroCycle Channels are the removable, snap-on lids that puts you in complete control of your system's yield. Unlike most hydroponic channeling, which is produced in a one-piece hollow channel with regular holes cut in the top, our removable lid means:

- You can grow crops like forage or turf in open channels without the lid.
- You can quickly and easily cut holes in the contoured lid that will maximize your yield. By using the appropriate nutrients and watering regimes, you can bring your crops to maturity in minimum time frames.
- 4" Lids are 1.5"D and have 1" predrilled square holes, 8" on center. Lids have to be matched with the properly sized channel.
- 6" Lids are not predrilled.
- You have the option to grow different crops throughout the season by simply purchasing additional lids and changing them for your next crop cycle.
- Custom lids are available with a minimum order of 20,000 linear ft. Choose 1", 1.5", 2" or 2.5" holes with a minimum spacing of 4" on center. Ask your knowledgeable HydroCycle specialist for details.

HydroCycle 4" Pro NFT Series: 4"W x 1.5"D

Narrow, shallow channel is suitable for smaller-leafed varieties, such as herbs, "fancy" lettuce and more. Lids, Joiners and End Caps sold separately.

HydroCycle 6" Pro NFT Series: 6"W x 2.5"D

Ideal for "fancy" lettuce, herbs and other smaller-leafed varieties. Lids, Joiners and End Caps sold separately.

HydroCycle 9" Pro NFT Series: 9"W x 3"D

Versatile channel is suitable for large pots and ideal for the production of flowers, microgreens and animal fodder. End Caps sold separately.

Schedule 40 PVC Fittings, 1" x 1" SP x S Elbow (WF6682 & 111045)

- Use to connect End Cap w/Outlet to drain manifold.
- NSF certified.

HydroCycle 9" Pro NFT Deep Series: 9"W x 4"D

These extra-deep channels are ideal for tomatoes, capsicum, cucumbers and more.

HYDROCYCLE NFT HYDROPONIC CHANNELS

HYDROCYCLE 4" PRO NFT SERIES – 1.5" DEEP

STK#	ITEM	EACH	50 & UP
116211L060	5'L Channel, 1.5"D	$10.79	$10.39
117077L096	8'L Channel, 1.5"D	14.59	13.95
117077L120	10'L Channel, 1.5"D	18.95	17.95
117077L144	12'L Channel, 1.5"D	24.95	23.95
117077L240	20'L Channel, 1.5"D	36.95	35.95
116212L060	5'L Lid, 1.5"D, 1" Square Holes	9.45	9.09
116212L096	8'L Lid, 1.5"D, 1" Square Holes	17.95	16.95
116212L120	10'L Lid, 1.5"D, 1" Square Holes	21.95	19.95
116212L144	12'L Lid, 1.5"D, 1" Square Holes	23.95	22.95
116212L240	20'L Lid, 1.5"D, 1" Square Holes	35.95	34.55
117078	End Cap, 1.5"D	3.15	3.05
117079	End Cap w/ Outlet, 1.5"D	3.19	3.09
117080	Joiner, 1.5"D	3.19	3.09

HYDROCYCLE 6" PRO NFT SERIES

STK#	ITEM	EACH	50 & UP
113533	8'L Channel	$23.95	$22.95
111003Z120	10'L Channel	31.95	30.95
111000	12'L Channel	36.95	35.95
111003	20'L Channel	69.95	57.95
113534	8'L Lid, No Holes	27.79	26.69
111004Z120	10'L Lid, No Holes	31.89	30.65
111001	12'L Lid, No Holes	39.95	37.95
111004	20'L Lid, No Holes	60.95	58.95
111129	Joiner	10.29	9.89
111127	End Cap	3.49	3.19
111128	End Cap w/Outlet	4.49	4.19

HYDROCYCLE 9" PRO NFT SERIES

STK#	ITEM	EACH	50 & UP
111066R	30"L Channel	$ 14.55	$13.95
111582Z6	6'L Channel	36.95	35.95
111582	12'L Channel	70.95	68.95
111007	20'L Channel	101.95	97.95
113150	30"L Lid, No Holes	17.49	16.79
111030	End Cap	8.59	8.25
111029	End Cap w/Outlet	9.19	8.85

SCHEDULE 40 PVC FITTINGS, 1" X 1" SP X S ELBOW

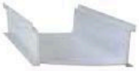
STK#	ITEM	EACH	50 & UP
WF6682	90°	$2.75	$2.65
111045	45°	2.89	2.79

HYDROCYCLE 9" PRO NFT DEEP SERIES

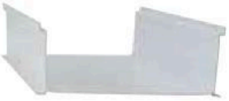
STK#	ITEM	EACH	50 & UP
112628	12'L Lid, No Holes	$61.95	$59.95
112631	Joiner	5.19	4.99
112632	End Cap	9.69	9.29
112633	End Cap w/Outlet	9.59	9.19

Additional packaging charges applicable.

HydroCycle 9" Pro NFT Deep Series

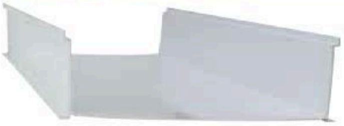


**HydroCycle 4"
Pro NFT Series**



**HydroCycle 6"
Pro NFT Series**

**HydroCycle 9"
Pro NFT Deep Series**



**HydroCycle 9"
Pro NFT Series**

CREATE YOUR OWN CUSTOM CHANNEL

1. Simply cut channels to desired lengths.
2. Cut holes in lid to desired size and spacing, based on your crop.
3. Clip the matching components together to form a clean, weed-free environment.

Lid, No Holes

Lid 1.5"D w/Square Holes

End Cap, 1.5"D

Joiner, 1.5"D

End Cap w/Outlet 1.5"D

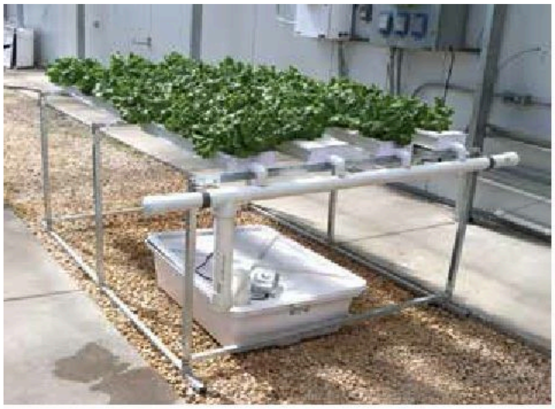
Single compound, solvent-free adhesive cures at room temperature.

- Ideal for bonding dissimilar materials on a wide range of surfaces.
- Extremely durable bonds make CA-4000 ideal for applications where high stress, high flexibility, impact, thermal expansion and thermal shock loading are common.
- Gap fill: 0.010".
- Color: Clear.
- Temperature range: -65°F to 250°F.
- Cure speed (fixture/full): Less than 18 seconds/8 hours.
- Mil Spec A46050C. Type II, Class 3.
- 2 oz. bottle.

CA-4000 INSTANT ADHESIVE

STK#	EACH
112509	$41.95

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

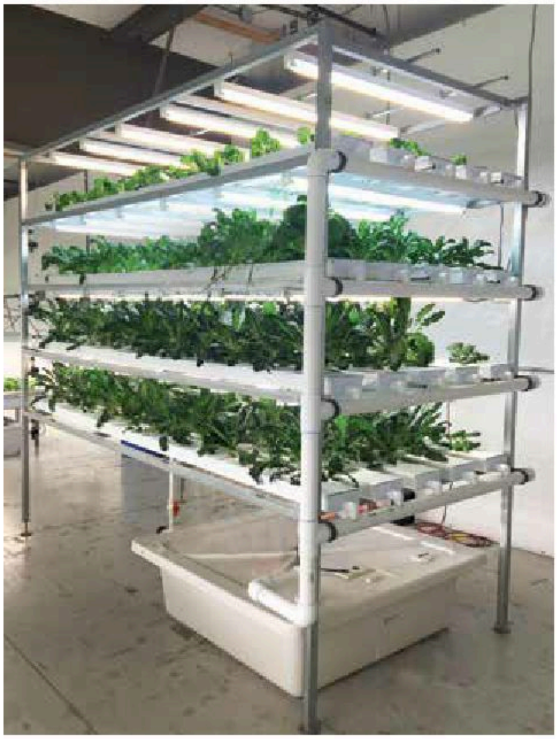


The HydroCycle Hobby NFT Lettuce Systems produce lush, healthy produce on a year-round basis. These compact systems are an ideal option for the hobbyist looking to earn extra income from home or just grow fresh produce, the commercial grower trying to experiment with new crops or school agricultural programs.

- Consistently produce the tastiest and most profitable lettuce, herbs, leafy greens and more.
- The six week grow cycle allows each system to produce an average weekly yield of up to 12 heads of lettuce.
- Hobby Systems feature a small footprint that allows it to be effortlessly operated in garages, basements, hobby greenhouses, schools and more.
- Each channel is recommended to have seven 1-3/8" plant sites, which are spaced 8" on center, providing a total of 28 plant sites per system.
- Systems with 4" W Channels come with lids that have been predrilled.
- Channels and lids are constructed from UV-stabilized, recycled plastics that are capped with NSF-certified material. The removable, snap-on lids provide easy system maintenance.
- The frame is manufactured from 1" square tube, triple-galvanized steel pipe. Providing a long life in even the most corrosive environments.
- Systems come complete with nutrient reservoir tank, magnetic drive pro pump, air pump with air stone, as well as all the necessary plumbing, fittings and adapters.

HYDROCYCLE HOBBY NFT LETTUCE SYSTEM

STK#	SYSTEM SIZE	CHANNEL SIZE	NUMBER OF CHANNELS	LETTUCE SITES	EACH
115110	3'3"W x 5'L x 3'2"H	4"W x 2"D x 5'L	4	28	$ 909.00
115141	3'3"W x 5'L x 3'2"H	6"W x 2-1/2"D x 5'L	4	28	1,019.00



Grow lush, green lettuce and herbs hydroponically, no matter how small your space is. The four-tier HydroCycle Vertical NFT Lettuce and Herb Systems have a small footprint, allowing more growth in less space.

- Systems are available in 10' and 5' lengths with the option of twenty-four 4" Pro NFT channels or twenty 6" Pro NFT channels.
- On the 10' system using a six week cycle, growers are able to easily produce up to 4,680 healthy and profitable heads per year.
- 4" Pro NFT Systems come with lids that have been predrilled, while the 6" Pro NFT Systems come with lids that have not been drilled.
- Systems come complete with all the necessary components.
- To promote a high-quality yield, Gordan A-OK Starter Plugs, Botanicare® Nutrients and testers are recommended.

Light Kit

- HydroCycle designed light kits provide Vertical NFT Systems with even and effective lighting.
- Includes 6,500 K and 3,000 K T-5 full spectrum bulbs.
- Does not include wiring, junction boxes or timers.
- Light Kits are sold separately below and need to be installed by a licensed electrician.

HYDROCYCLE VERTICAL NFT LETTUCE & HERB SYSTEMS

STK#	ITEM	DIMENSIONS	CHANNELS	HEADS PER YEAR	EACH
11291950	4" Pro NFT 10' System	4'3"W x 6'8"H x 9'8"L	24	4,680	$3,995.00
11291970	6" Pro NFT 10' System	4'3"W x 6'8"H x 9'8"L	20	2,860	4,875.00
11510950	4" Pro NFT 5' System	4'3"W x 6'8"H x 4'10"L	24	1,456	3,065.00
11510970	6" Pro NFT 5' System	4'3"W x 6'8"H x 4'10"L	20	1,196	3,675.00

HYDROCYCLE VERTICAL NFT LIGHT KIT

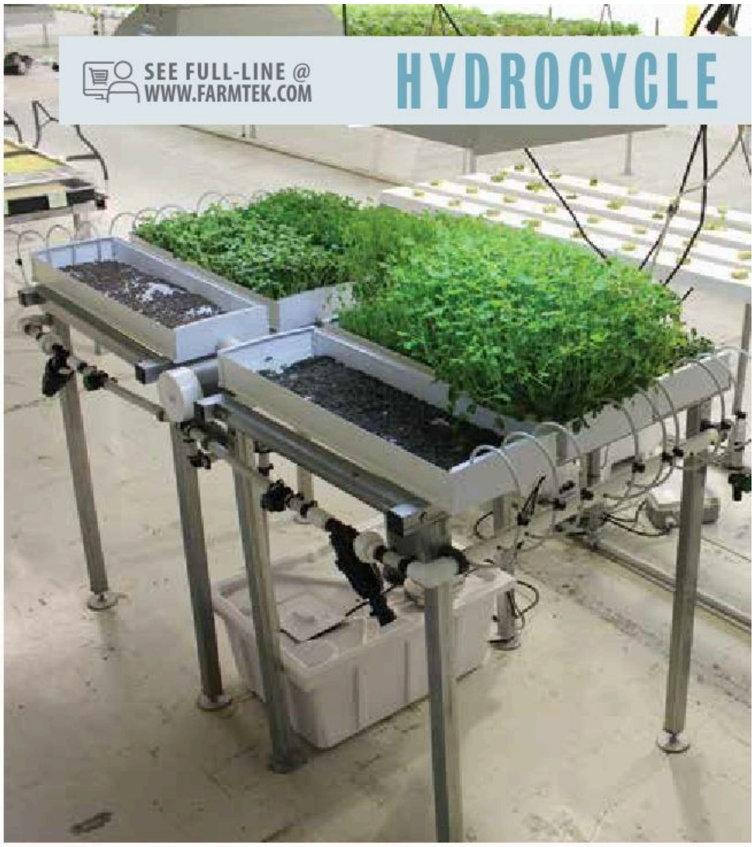
STK#	ITEM	EACH
112920	10' Light Kit	$2,559.00
115162	5' Light Kit	1,469.00

For beginning growers or professionals, the HydroCycle 9" Pro Microgreen Table provides the freshest and tastiest microgreens at the highest yields.

- The system utilizes a recirculating nutrient film technique (NFT) and allows for live-plant harvest and storing the greens with roots intact.
- Easy assembly, as well as less system maintenance, labor and waste compared to conventional growing.
- HydroCycle 9" Pro Microgreen Table provides 11-1/4 sq. ft. of growing space. Pea and sunflower shoots can yield 13 oz. per sq. ft. every 10 days, while mizuna, arugula, chard, beet and more can yield up to 6 oz. per sq. ft. every 14 days.
- 20 year warranty on the UV-stabilized, NSF-certified NFT channels.

HYDROCYCLE 9" PRO MICROGREEN TABLE

STK#	EACH
113532	$1,175.00



Provide your local market with fresh microgreens on a continuous basis. The HydroCycle Pro Vertical Microgreen System allows beginners or professionals to produce high yields of these in demand greens with ease.

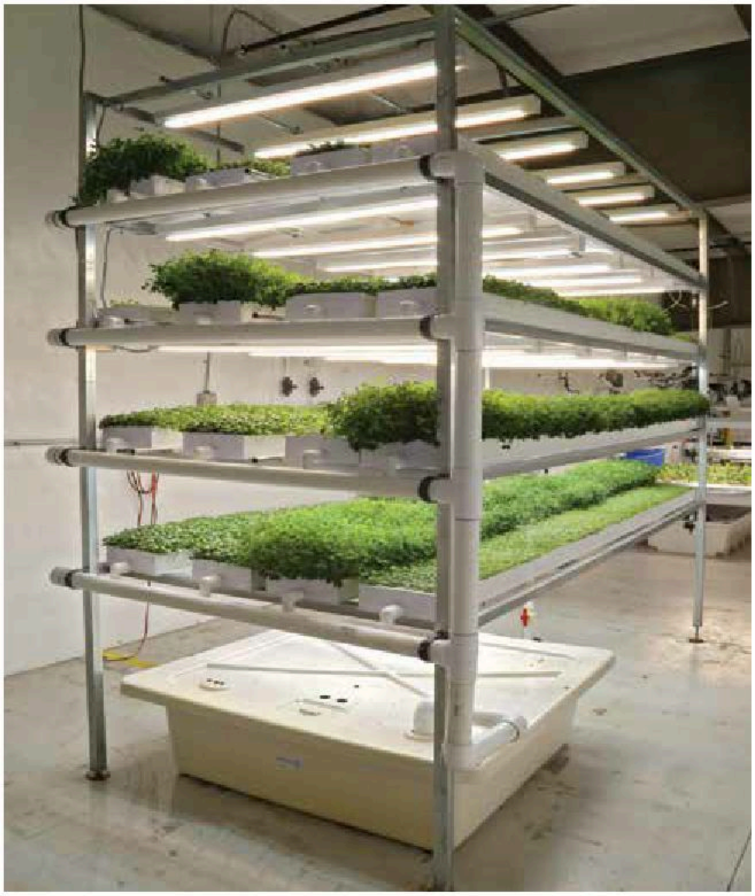
- HydroCycle Pro Vertical Microgreen Systems utilize a recirculating nutrient film technique (NFT). This allows growers to harvest living plants with roots intact, making it easier to supply customers with the freshest greens.
- Systems are outfitted with 16 large 9" NFT channels.
- Assembly and maintenance is simple. Compared to conventional growing, growers will experience reduced labor and waste, allowing harvests to be more profitable.
- Achieve high yields within a limited square footage. Pea and sunflower shoots can yield up to 13 oz. per sq. ft. every 10 days, while mizuna, arugula, chard, beet and more can yield up to 6 oz. per sq. ft. every 14 days.
- Features a 20 year warranty on the UV-stabilized, NSF-certified NFT channels.

HYDROCYCLE VERTICAL LIGHT KIT

STK#	ITEM	EACH
112920	10' Light Kit	$2,559.00
115162	5' Light Kit	1,469.00

HYDROCYCLE PRO VERTICAL MICROGREEN SYSTEMS

STK#	ITEM	DIMENSION	EACH
115276	5'L Microgreen System	4'3"W x 6'8"H x 4'10"L	$3,329.00
115277	10'L Microgreen System	4'3"W x 6'8"H x 9'8"L	3,885.00



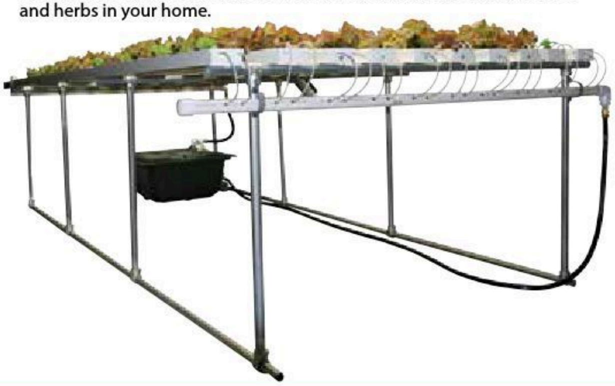
WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

Start hydroponic growing the easy way with HydroCycle Pro NFT Lettuce Systems. All components are specially designed or selected to create an ideal, complete NFT system for leaf/bib lettuce, herbs and more.

- Designed for a six-week grow cycle of leaf lettuce. Produce maximum yields in a small system footprint.
- Channel lids have up to eighteen 1-3/8" site holes, spaced 8" on center. Channels and lids are constructed from UV-stabilized, recycled plastics that are capped with NSF-certified material. Removable, snap-on lids provide easy system maintenance with minimal downtime.
- Table frame is manufactured from 1.315" OD, triple-galvanized steel for long life in corrosive environments.
- Systems come complete with nutrient reservoir tank, Magnetic Drive Pump for nutrient solution recirculation, Air Pump with Air Stone and all the necessary plumbing, fittings, adapters and more.
- Expect a yield of up to 2,340 heads per year with the 110830 or 113540 System and 4,680 heads per year with the 112251 or 113541 System.
- 112525 and 113539 are designed for a six-week grow cycle, with an average weekly yield of up to 12 heads of lettuce. Manageable systems for garden herbs, leafy greens and many lettuce varieties.
- 6" Pro NFT Channels lids are blank and do not come with predrilled holes. The number of lettuce sites suggested are with holes drilled 8" on center.
- We recommend our Growers Supply Greenhouse Light Fixtures, line of nutrients and Grodan A-OK Starter Plug Sheets, all sold separately.

PERFECT FOR HOBBY AND COMMERCIAL GROWERS ALIKE

Small system footprint ideal for setup in garages, basements, hobby greenhouses and more. Earn extra money growing high-quality lettuce and herbs in your home.



HYDROCYCLE PRO NFT LETTUCE SYSTEMS

STK#	SYSTEM SIZE	CHANNEL SIZE	NUMBER OF CHANNELS	LETTUCE SITES	EACH	2 & UP
112525	3'W x 8'L x 3'H	4"W x 2"D x 8'L	4	48	$1,009.00	–
110830	6'W x 12'L x 3'H	4"W x 2"D x 12'L	10	180	1,725.00	$1,659.00
112251	12'W x 12'L x 3'H	4"W x 2"D x 12'L	20	360	2,889.00	2,775.00
113539	3'W x 8'L x 3'H	6"W x 2.5"D x 8'L	4	48	1,129.00	–
113540	9'W x 12'L x 3'H	6"W x 2.5"D x 12'L	10	180	2,019.00	1,939.00
113541	17'W x 12'L x 3'H	6"W x 2.5"D x 12'L	20	360	3,919.00	3,765.00

HydroCycle Commercial NFT Systems feature an improved design that significantly reduces labor and enables growers to increase yields by up to 48% in the same square footage as other commercial systems.

- Using these new, optimized systems, growers can produce more high-quality lettuce, herbs and other small leaf varieties than ever before.
- Each nursery channel is spaced 4" on center and offers 72 pre-drilled site holes, while finishing channels are spaced 7" on center and include 18 pre-drilled site holes. 4-1 ratio of finishing channels to nursery channels increases number of site holes available to growers, allowing them to maximize their crops per square foot.
- Single-piece channel design requires no end caps or gluing during assembly, creating a stronger, less labor-intensive system that helps growers save money and start growing sooner.
- Frame is constructed from galvanized steel to provide reliable support for growing channels, hardware and crops. New streamlined frame design further simplifies system assembly.
- A nutrient supply system provides a maximum efficiency pump and plumbing kits that come complete with NSF-rated PVC plumbing and fittings, white micro-tubing feed lines, valves, filter, hardware and 6" drain return system.
- Nutrient Mixing Tanks are crafted from FDA-approved resins to ensure safe storage of potable water. Meets specific gravity of 1.5 or 12.5 lbs. per gallon at 73°F. Light penetration is limited by green color, reducing algae growth.
- Tanks come with 3 year warranty from date of manufacture.
- 25'L NFT Cleaner System (118553) is 8" PVC pipe that mounts to greenhouse wall and alleviates the cleaning process between growing cycles, so growers can significantly cut down on labor time.
- To operate cleaning system, run individual channel down the pipe, letting power washer nozzle spray interior. System is operated by foot pedal that connects to power washer, giving growers total control over cleaning process. Power washer sold separately.

118553

HYDROCYCLE COMMERCIAL NFT SYSTEMS

STK#	GREENHOUSE SIZE	LETTUCE SITES	EACH
118554W30L048	30'W x 48'L	3,744	$15,000.00
118554W30L060	30'W x 60'L	4,752	18,000.00
118554W30L072	30'W x 72'L	5,904	21,000.00
118554W30L084	30'W x 84'L	7,488	24,000.00
118554W30L096	30'W x 96'L	8,496	27,000.00
118554W30L132	30'W x 132'L	12,240	36,000.00

NFT CLEANER SYSTEM

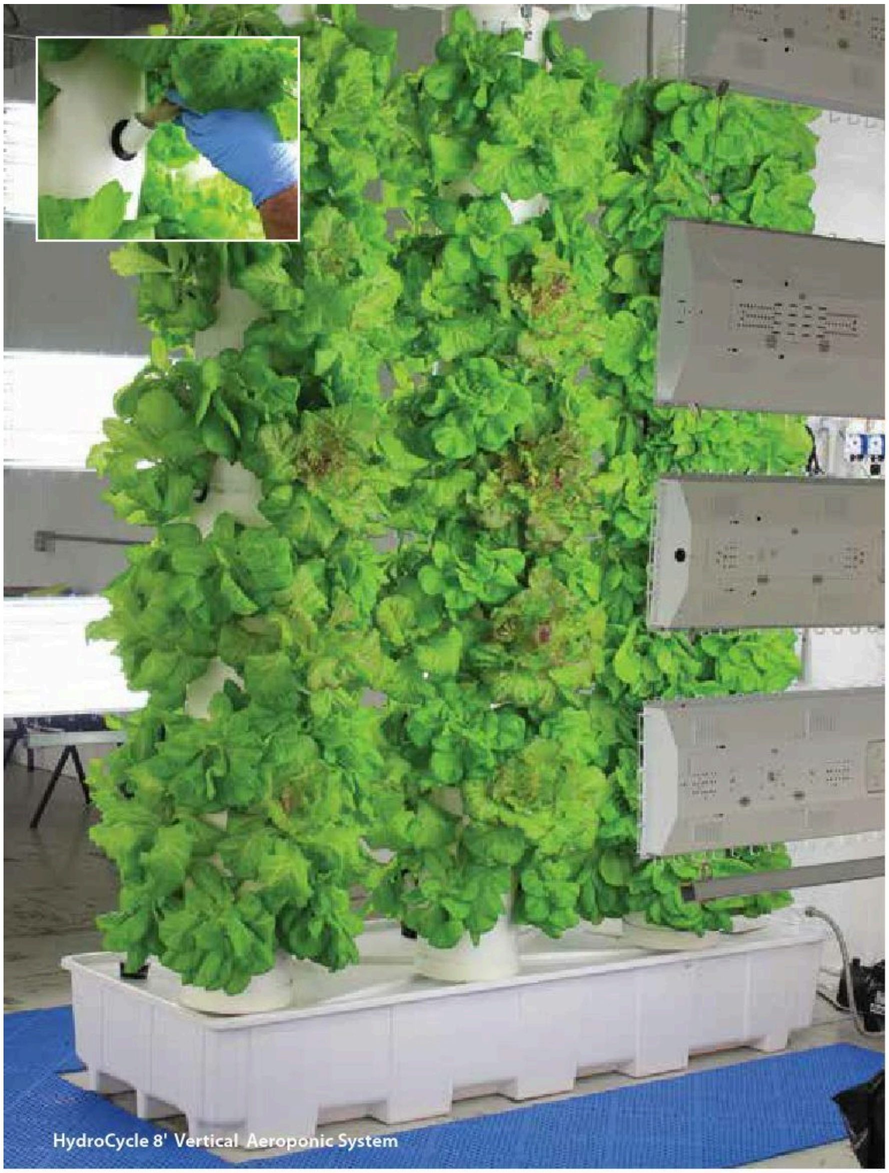
STK#	EACH
118553	$1,000.00

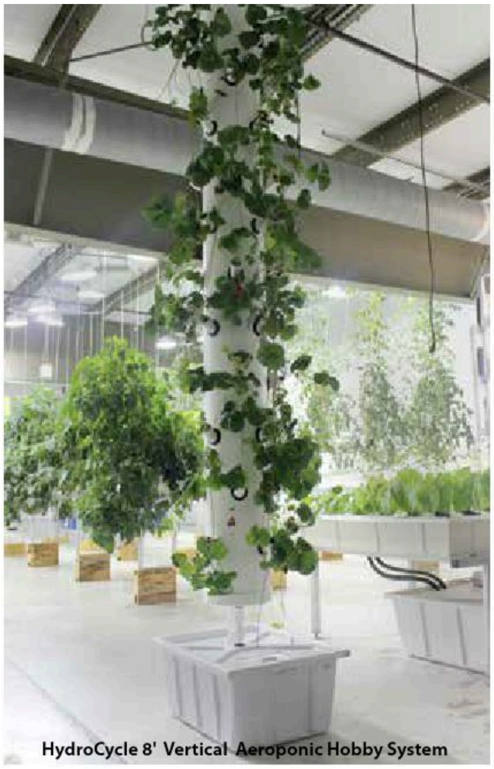
NEW The HydroCycle Transport Cart is an adjustable, mobile utility cart that enables you to quickly maneuver NFT channels and more around your greenhouse or workspace.

- This multi-purpose rolling cart features four sturdy, fully adjustable racks that can be slid up and down with ease to help transport a variety of materials.
- Cart is constructed from galvanized steel tubing to provide exceptional strength and stability. Interlocking frame makes cart assembly quick and easy.
- Uprights on frame have holes spaced at 6" increments and offer 24" of working space.
- Each rack level can support up to 75 lbs. each and material up to 12' in length. Cart has total recommended weight limit of 300 lbs.
- Convenient offset design allows for material loading to be done all from one side.
- Designed with 10" pneumatic casters for greater maneuverability across all terrain types.
- 28"W x 74"H x 60"L.

HYDROCYCLE TRANSPORT CART

STK#	EACH
118790	$379.00


HydroCycle 8' Vertical Aeroponic System


HydroCycle 8' Vertical Aeroponic Hobby System

HydroCycle Vertical Aeroponic Systems utilize unique grow tubes that support the flow of oxygen for rapid growth and a nutrient-rich mist for healthy plants.

- These compact systems are ideal for growth in tight spaces and maximum control of the root zones.
- Aeroponics deliver a high-pressured mist that delivers nutrients to the root zone.
- The 10" tube diameter gives the root zone maximum aeration that helps the plants to grow quickly.
- Each system comes with an air pump with ceramic air diffusers, Y-fit snap hook tube hangers, all the necessary plumbing and fittings and more depending on the system that is purchased.

HydroCycle 4'8" Vertical Micro Aeroponic System

- Approximately 20"W x 26"L x 73"H.
- Uses a single vertical grow tube that is 4'8"H and has 24 grow sites.
- System comes with a mag-drive pump and a 25-gallon nutrient reservoir.

HydroCycle 4'8" Vertical Mini Aeroponic System

- Approximately 29-1/2"W x 96"L x 75"H.
- Uses 5 vertical grow tubes that are 4'8"H and contain 24 grow sites per tube (120 total sites).
- System comes with a pressure utility pump and a 100-gallon nutrient reservoir.

HydroCycle 8' Vertical Aeroponic Hobby System

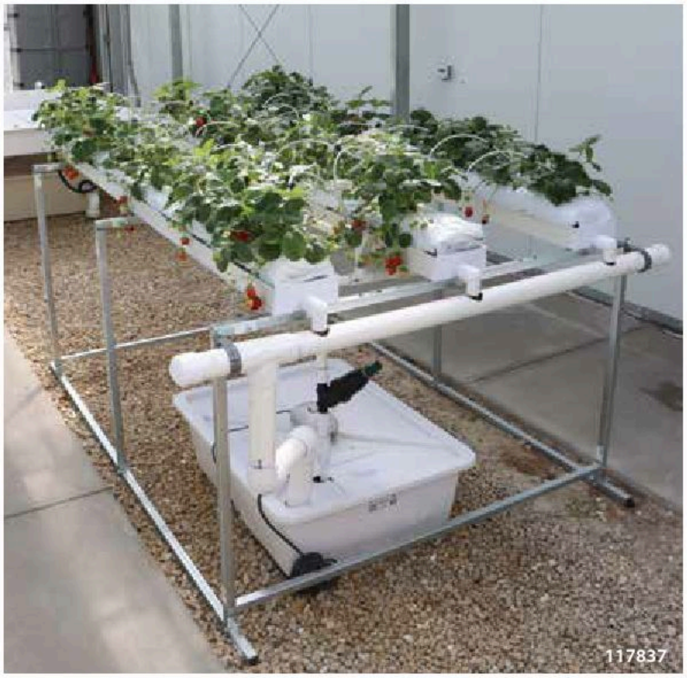
- Approximately 28"W x 39"L x 124"H.
- Uses a single vertical grow tube that is 8'H with 44 grow sites.
- System comes with a pressure utility pump and a 25-gallon nutrient reservoir.

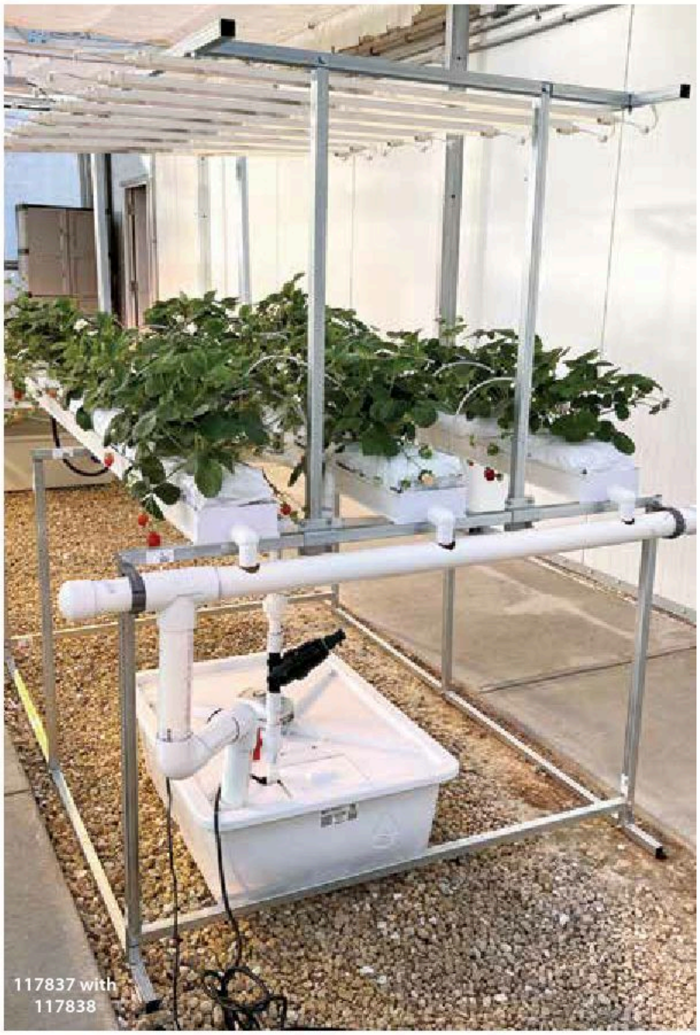
HydroCycle 8' Vertical Aeroponic System

- Approximately 29-1/2"W x 96"L x 115"H.
- Uses 5 vertical grow tubes that are 8'H with 44 grow sites per tube (220 total sites).
- Comes with a pressure utility pump and a 100-gallon nutrient reservoir.

HYDROCYCLE VERTICAL AEROPONIC SYSTEMS

STK	ITEM	EACH
113700	4'8" Micro System	$1,385.00
113701	4'8" Mini System	3,595.00
113593	8' Hobby System	$2,039.00
113594	8' System	4,419.00


117837


117837 with 117838

HydroCycle Hobby Strawberry Systems allow you to produce fresh, high-quality berries from home with ease on a year-round basis.

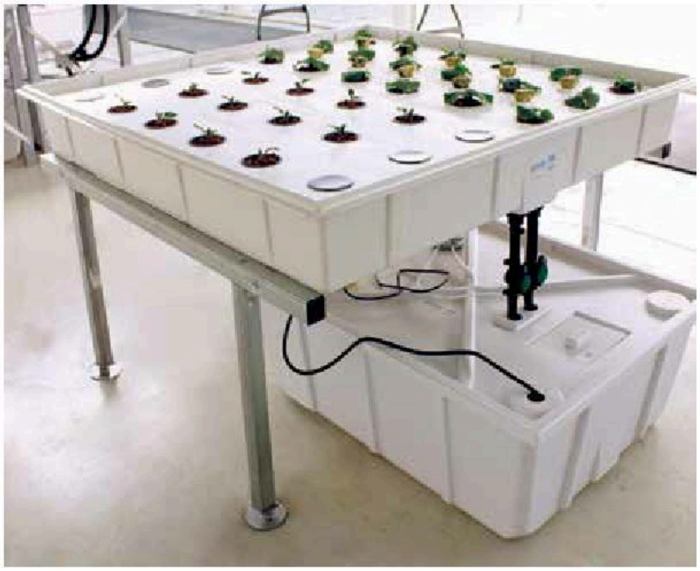
- These compact systems come in a kit and are ideal for hobbyists looking to grow at home, commercial growers wanting to experiment with a new crop or school agricultural programs.
- Each system has room to accommodate 24 plants in grow bags (118019), sold separately.
- Systems are 6'L x 56"W x 4'H and feature three 10"W x 80'L irragttion channels.
- Kits come complete with galvanized steel frame, irrigation channels, air pump and stones, water pump, timer for pump, reservoir and irrigation plumbing.
- Light Kits include LED light fixtures and framing to mount lights above existing system frame. Light Kit and timer for lights sold separately.

HYDROCYCLE HOBBY STRAWBERRY SYSTEMS

STK#	ITEM	EACH
117837	Hobby Strawberry Kit	$795.00
117838	Hobby Strawberry Lighting Kit	355.00

The Propagation Float Station provides a constant circulation of Aerated Nutrient solution to the raft float that is great for various plants and works especially well for propagating seedlings that need extended roots for Deep Channel Hydroponics.

- Allows for large root masses in plants, like tomatoes, cucumbers and eggplant, to grow long enough to reach the nutrient flow.
- Can also be used as a standard raft system to grow lettuce, Swiss chard, pac choi and more.
- Constant recirculation provides: constant mixing of solution to help prevent nutrient settlement, maximum aeration within the tank to not disturb root zones, more stable water temperatures and easy nutrient solution maintenance and testing.
- System includes: efficient and potable water safe magnetic drive recirculation pump, two outlet air pumps with stones and tubing, strong, 16-gauge, galvanized, square steel tubing frame with height adjustable feet for leveling, float tray, nutrient tank, bulkhead fittings and spacers and supply and drain tubing with flow control valves.



PROPAGATION FLOAT STATION

STK#	SIZE	RESERVOIR CAPACITY	EACH
113503	4' x 4'	40 Gallons	$ 865.00
113504	4' x 8'	115 Gallons	1,825.00

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

HydroCycle's versatile Dutch Buckets are ideal for both small- and large-scale hydroponic growing.

- HydroCycle Dutch Buckets are designed to be fed by drop emitters and plumbed to drain using a common 1.5" PVC pipe, purchased locally.
- Siphon Elbows, sold separately, regulate safety reservoir or nutrient solution at the bottom of the bucket to 1" deep. This feature prevents growing media from drying out and causing water stress between irrigation cycles. The Siphon Elbow prevents over accumulation of nutrient solution.
- Each Dutch Bucket requires two Siphon Elbows, sold separately below.
- Your knowledgeable National Account Manager can help you design the best HydroCycle Dutch Bucket system for your needs with our recommended accessories. Our growing media and complete line of drip irrigation components are sold separately.

HydroCycle Dutch Bucket Accessories

Horticultural Perlite (111049):

Lightweight Perlite supports roots without crushing them. Provides aeration and drainage, yet retains and holds substantial amounts of water that is released when needed. One 4 cu. ft. bag will fill approximately eight of our 11-Liter HydroCycle Dutch Buckets.

Grodan A-OK Starter Plug Sheet (111386):

Ideal for starting seeds and cuttings before transferring to Grodan Delta Gro-Blocks™. Ninety-eight 1.5" x 1.5" starter plugs per sheet.

Grodan Delta Gro-Blocks™ (111387 and 111388):

Sterile, lightweight and easy to use. Delta 4 Blocks each measure 3" x 3" x 2.5" and are ideal for smaller plants such as peppers and flowers.
Delta 6 Blocks each measure 4" x 4" x 2.5" and are ideal for larger, fruiting crops such as tomatoes and cucumbers.
Priced per strip.

1/8" SuperFlex™ UV White Polyethylene Tubing (110408A):

Ideal for use with drippers, dripper stakes and more. Sold only in 100' increments or full 1,000' rolls. Full 1,000' rolls are priced per ft.

Angled Arrow Dripper Stakes (110403 and 110407):

Available in 3-3/4"L and 6-3/8"L. Applying water directly to the growing media helps prevent the spread of diseases and creates a uniform, high-quality crop. Priced per stake with a minimum order quantity of 10 stakes.

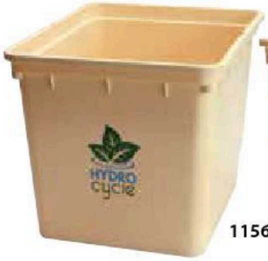
HydroCycle Dutch Bucket Lids (115683):

Dutch Bucket lids provide protection from light and debris. They also reduce algae growth and promote proper temperatures. Sold in pairs.

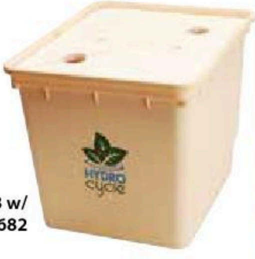
HYDROCYCLE DUTCH BUCKET AND ACCESSORIES

STK#	ITEM	EACH	DISCOUNT PRICE	
115683	HydroCycle Dutch Bucket 11 Liter	$ 7.15	$ 6.89 (100-499)	$6.59 (500 & up)
115682	HydroCycle Dutch Bucket 1/2 Lid Pair	2.05	1.95 (100 & up)	–
115684	HydroCycle Siphon Elbow	0.61	0.58 (100-499)	0.56 (500 & up)
111049	Horticultural Perlite, 4 Cu. Ft. Bag	25.95	–	–
111386	Grodan A-OK Starter Plug Sheet	10.95	10.49 (30-479)	9.95 (480 & up)
111387	Grodan Delta 4 Gro-Block™, Strip of 8	6.45	6.19 (48-719)	5.95 (720 & up)
111388	Grodan Delta 6 Gro-Block™, Strip of 6	5.55	5.35 (36-539)	5.15 (540 & up)
110408A*	1/8" SuperFlex™ UV White Polyethylene Tubing	21.09	0.15 (1,000' roll, per ft.)	–
110403	3-3/4" Angled Arrow Dripper Stake	0.26 (10-99)	0.25 (100 & up)	–
110407	6-3/8" Angled Arrow Dripper Stake	0.40 (10-99)	0.39 (100 & up)	–

*Sold only in 100' increments or full 1,000' rolls. Full 1,000' rolls are priced per ft. and can be ordered by removing the A from the STK#.

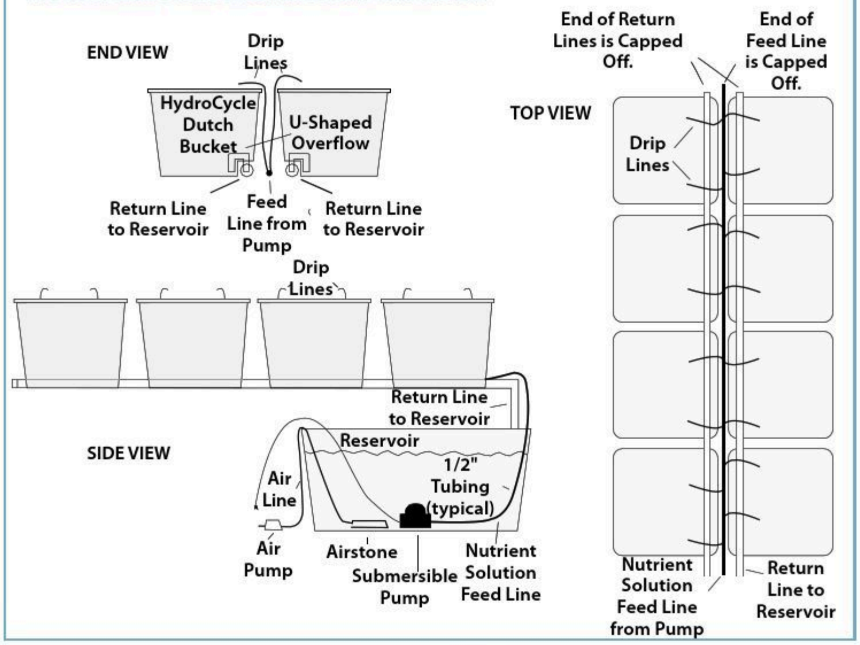


115683

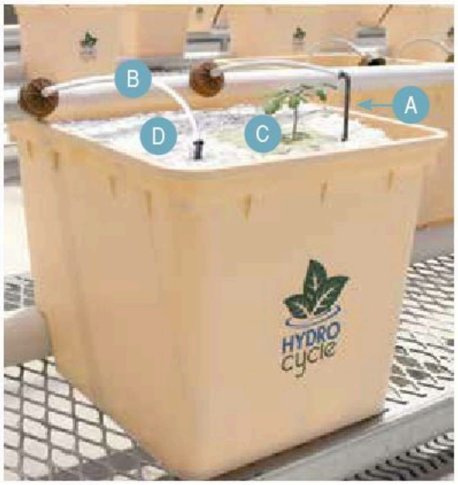


115683 w/ 115682

HYDROCYCLE DUTCH BUCKET RECOVERY DRIP SYSTEM


END VIEW
Drip Lines
HydroCycle Dutch Bucket
U-Shaped Overflow
Return Line to Reservoir
Feed Line from Pump
Return Line to Reservoir
Drip Lines
Return Line to Reservoir
SIDE VIEW
Reservoir
Air Line
1/2" Tubing (typical)
Air Pump
Airstone
Submersible Pump
Nutrient Solution Feed Line
End of Return Lines is Capped Off.
End of Feed Line is Capped Off.
TOP VIEW
Drip Lines
Nutrient Solution Feed Line from Pump
Return Line to Reservoir

HYDROCYCLE DUTCH BUCKET ACCESSORIES



(A) Angled Arrow Dripper Stake (110403 or 110407)
(B) 1/8" SuperFlex™ UV White Polyethylene Tubing (110408A)
(C) Grodan A-OK Starter Plug (111386) and Grodan Delta Gro-Block™ (111387 or 111388)
(D) Horticultural Perlite (111049)

For those looking to grow hydroponically within the home or in compact spaces, we offer the HydroCycle Micro Dutch Bucket System. Its modest footprint means that it can fit in just about any space.

- With dimensions of just 39"W x 35"L x 12"H, this is an ideal system for home growers or hobbyists.
- Great for growing vine crops, like tomatoes or cucumbers, and also peppers, eggplant and more.
- The Micro System includes four HydroCycle Dutch Buckets with siphon elbows, 3/4" supply tubing, 1/8" micro tubing, dripper stakes, micro tees, magnetic drive recirculating pump, air pump with air diffusers and a nutrient reservoir with lid and porthole cover.

HYDROCYCLE MICRO DUTCH BUCKET SYSTEM

STK#	ITEM	EACH
113621	H2-4	$599.95

112529

Complete HydroCycle Dutch Bucket Systems do all the work for you. Systems come complete with all the components necessary to start growing hydroponically.

- 11-Liter HydroCycle Dutch Buckets are durable and long-lasting.
- Easy Drain Reservoirs and Lids are BPA free and come with the systems.
- Heavy Duty Digital Timers are ideal for worry-free operation.
- All plumbing accessories are also included.
- HydroCycle H1-10 System is ideal for the hobby grower. It comes with one row of ten Dutch Buckets and is a closed loop system.
- HydroCycle H2-24 System is a larger hobby growing system. It is made up of two rows of twelve Dutch Buckets and is an open system.
- Bench systems are sold separately.

HYDROCYCLE DUTCH BUCKET SYSTEMS

STK#	ITEM	EACH
112529	H1-10	$1,069.00
112534	H2-24	1,935.00

Our HydroCycle Whole Bay Dutch Bucket Systems simplify large-scale growing and allow you to hydroponically grow healthy and attractive plants.

- To grow the finest crops, this system utilizes concentrated fertilizer and nutrient solutions.
- The system mixes water in two tanks of fertilizerand then a Nutrient Batch Dosing System adds acid to maintain the proper pH.
- Woodpecker drippers and dripper stakes use a nutrient feed pump station to provide the plants with a nutrient solution. In order to prevent disease, any excess nutrient solution is treated as waste and drained.
- Each bucket has a siphon-designed drainage system and nutrient reservoir.
- Our production specifications are based off of tomato plants that are planted two per bucket with the buckets spaced 16" on center. Nutrients, spacing and watering can change based on plant type or variety.
- HydroCycle Dutch Bucket Row Kits allow growers to add a row of buckets to our existing systems.

HYDROCYCLE WHOLE BAY DUTCH BUCKET SYSTEMS

STK#	SYSTEM SIZE	PLANTS PER SYSTEM	EACH
113596	30'W x 48'L System	270 Tomato Plants	$ 7,525.00
113840	30'W x 48'L Row Kit	54 Tomato Plants	435.00
113597	30'W x 60'L System	360 Tomato Plants	7,819.00
113841	30'W x 60'L Row Kit	72 Tomato Plants	539.00
113598	30'W x 72'L System	450 Tomato Plants	8,009.00
113842	30'W x 72'L Row Kit	90 Tomato Plants	649.00
113599	30'W x 84'L System	540 Tomato Plants	8,405.00
113843	30'W x 84'L Row Kit	108 Tomato Plants	749.00
113600	30'W x 96'L System	630 Tomato Plants	8,689.00
113844	30'W x 96'L Row Kit	126 Tomato Plants	859.00
113601	30'W x 128'L System	870 Tomato Plants	11,019.00
113845	30'W X 128'L Row Kit	174 Tomato Plants	1,089.00

113179

If you're tired of bending over to tend to your Dutch buckets, you'll love these benches. The Dutch Bucket Low Profile Bench lifts your buckets to the perfect height, but its list of uses doesn't end there.

- Benches come with optional leveler feet that can add height to the bench and enable you to slope the bench.
- Great for any greenhouse need that requires a low-profile bench; you can create your own tiered display, display taller plants at eye level and more.
- Made from galvanized, 1.5" steel tube and galvanized expanded metal. The benches have been constructed without welds to reduce the risk of corrosion.

DUTCH BUCKET LOW PROFILE BENCH

STK#	SIZE	EACH
115050	12"W x 72"L x 7"H	$145.95
115051	12"W x 144"L x 7"H	255.95
113179	19"W x 144"L x 7"H	349.95
113180	19"W x 72"L x 7"H	205.95

Easily produce kale, swiss chard, herbs, lettuce and more on a year-round basis.

- These systems suspend roots in nutrient-rich water. This allows growers to fine-tune the solution to their plants' precise needs, ensuring the finest harvests.
- Maximize production, without overcrowding crops. Growers are able to layout the raft bed to best suit their needs. Plant sites can be arranged to provide plants with the perfect amount of space.
- Durable raft is made to last in any growing environment. The frame is constructed from 16-gauge, square steel pipe. The rafts are made from 1-1/2" Styrofoam, which also provides insulation. The bed is lined with 24 mil PolyMax®.
- The Raft Bed has a depth of 12.5".

HYDROCYCLE RAFT BEDS

STK#	SIZE	EACH
115330	8' x 8'	$1,555.00
115331	8' x 16'1"	2,499.00
115332	8' x 24'3"	3,615.00
115333	8' x 32'5"	4,595.00
115334	8' x 48'8"	5,609.00
115335	8' x 56'8"	6,945.00

HydroCycle Aquaponics Systems provide you with the opportunity to tap into two markets. While harvesting healthy vegetables, you can also raise valuable fish.

- Systems integrate both hydroponic growing systems and fish-producing aquaculture tanks.
- Aquaponics systems allow you to take advantage of essential biological functions. The fish fertilize the plants while the plants purify the water, leading to low-maintenance, cost-effective systems.
- Produce natural, pesticide-free products.

HydroCycle Pro Aquaponics Systems

- Systems ensure constant clean water for fish and plants. A two-stage filtration system maintains fresh water and utilizes a radial flow clarifier and a mineralization tank.
- The Pro System uses only one pump, so less energy is required compared to similar aquaponics systems.
- Systems come complete with all the necessary tanks, hardware and aeration supplies.

HydroCycle Commercial Aquaponics Systems

- This is the perfect professional system. It produces a steady stream of profitable fish and crops all year.
- Includes a grow-out system that uses a Hydrotech drum filter for solids removal. It is fully automated and utilizes gravity, minimizing the need for pumps and electricity.
- Systems come with a fingerling system for bioclarification and filtration. The fingerling system performs solids removal and some biofiltration. They are self cleaning, so they require minimal maintenance.
- **Commercial Aquaponics Systems include all the necessary tanks, hardware and aeration supplies.**

Bubble washed bead filter

Hydrotech drum filter

Pro System I (115295)

- Features an 8' x 8' raft bed.
- 168 lettuce sites.
- Can produce 90 lbs. of tilapia yearly.

Pro System II (115296)

- Features an 8' x 16'1" raft bed.
- 336 lettuce sites.
- Can produce 180 lbs. of tilapia yearly.

Pro System III (115297)

- Features an 8' x 24'3" raft bed.
- 504 lettuce sites.
- Can produce 288 lbs. of tilapia yearly.

Pro System IV (115298)

- Features an 8' x 32'5" raft bed.
- 672 lettuce sites.
- Can produce 520 lbs. of tilapia yearly.

Commercial System V (112667)

- Features two 8' x 48'8" raft beds.
- 2,016 lettuce sites.
- Can produce 4,000 lbs. of tilapia yearly.
- 128 sq. ft. of additional growing space.

HYDROCYCLE PRO AQUAPONICS SYSTEMS

STK#	ITEM	EACH
115295	System I	$ 5,109.00
115296	System II	8,169.00
115297	System III	10,109.00
115298	System IV	16,279.00

Commercial System VI (112668)

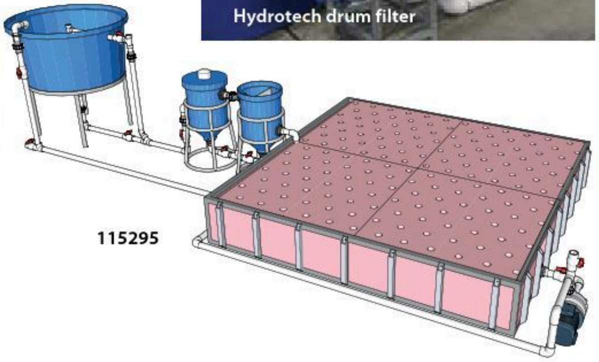
- Features two 8' x 48'8" raft beds and 136 8-1/2' NFT channels.
- 3,648 lettuce sites.
- Can produce 6,000 lbs. of tilapia yearly.
- 192 sq. ft. of additional growing space.

Commercial System VII (112669)

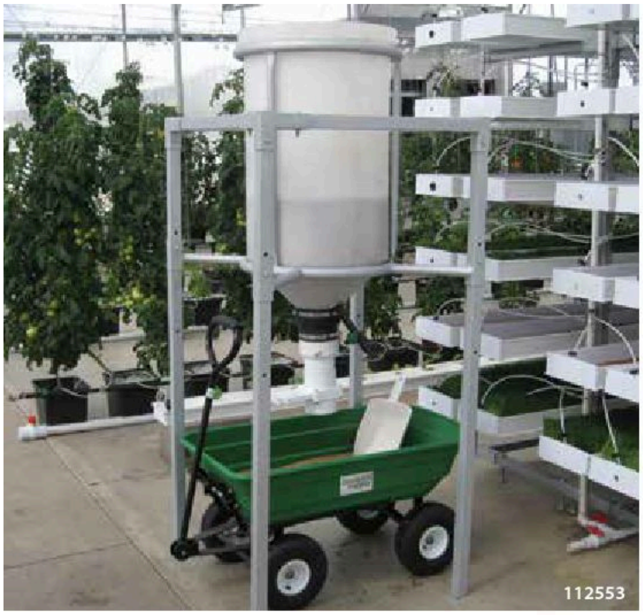
- Features four 8' x 56'8" raft beds.
- 4,704 lettuce sites.
- Can produce 10,000 lbs. of tilapia yearly.
- 256 sq. ft. of additional growing space.

HYDROCYCLE COMMERCIAL AQUAPONICS SYSTEMS

STK#	ITEM	EACH
112667	System V	$ 89,339.00
112668	System VI	118,769.00
112669	System VII	124,155.00



115295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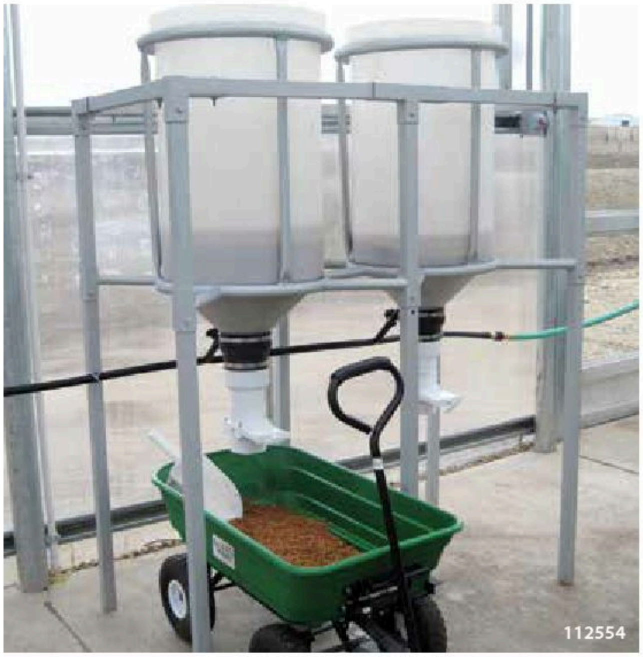

112554

Seed Soaking and Sanitizing Systems for the Fodder-Pro Feed Systems are available in both single and double-tank styles, depending on your needs.

- Tanks are manufactured from impact and corrosion-resistant 3/16" polyethylene and can withstand most temperature extremes.
- Tanks are 27" deep and have an 18" diameter. Tank height is 38".
- Slippery surfaces on the inside of tanks allow for seeds to easily slide down to the bottom of the tank toward the drain at a 45° angle.
- Tanks come with 3" gate valves for easy transfer of seeds from the Seed Soaking and Sanitizing System to the seed transport.
- Frames are made of galvanized steel to support the 30-gallon tanks.
- Aeration components are included for superior seed treatment.
- Systems come with lids that protect seeds from dust, dirt and other impurities.
- Tanks and lids both come in blue only.

SEED SOAKING AND SANITIZING SYSTEMS

STK#	ITEM	EACH
112553	Single	$1,635.00
112554	Double	2,385.00

Sleek design for convenient placement throughout any growing operation.

- 128 sites.
- Leak-proof design has an increased lip height, extended flange and drainage gutter.
- The lid and reservoir are made from UV-protected HDPE plastic, and they were manufactured to ensure increased structural integrity.
- The water pump has an extended baseplate and additional suctions cups to prevent it from falling over.
- The cover features alpha numeric symbols, so multiple strains can be easily identified when they're in the EZ-Clone.
- Four-way finger slots for quick extraction.
- Comes with four different colored cloning collars.

EZ-CLONE LOW PRO SYSTEM

STK#	EACH
117030	$565.95

Arable Acres Insect Sticky Traps are an effective addition to any integrated pest management program, attracting and trapping potentially harmful insects before they cause serious damage.

- These convenient traps allow for easy insect detection, monitoring and trapping. Ideal for greenhouses, field-grown crops, nurseries, florists and other indoor plant locations.
- Traps help growers understand pest pressure in real time and calculate population growth against harvest dates, so they can stay informed and eliminate labor, conserve sprays and protect crops.
- Grid pattern enables quick, easy and accurate size monitoring.
- Waterproof and mold-resistant design ensures traps can withstand adverse weather conditions and demanding agricultural settings.
- Sticky, non-toxic and odorless adhesive provides superior insect trapping.
- Special hue of yellow (118798 & 118800) attracts aphids, whiteflies, leafhoppers, fungus gnats, froghoppers and moths.
- Special hue of blue (118799 & 118801) attracts thrips and leaf miners.

STICKY
APHID
WHITEFLY
TRAP
118798

STICKY
THRIPS
LEAFMINER
TRAP
118801

ARABLE ACRES INSECT STICKY TRAPS

STK#	ITEM	COLOR	EACH
118798	4" x 7" Pack of 5	Yellow	$ 4.95
118799	4" x 7" Pack of 5	Blue	4.95
118800	3" x 5" Pack of 72	Yellow	52.95
118801	3" x 5" Pack of 72	Blue	52.95

High-quality, above-ground, vertical water storage and mixing tanks are ideal for general farm needs, hydroponic systems, rainwater harvesting and more.

- Variety of sizes available, perfect for many applications, including livestock water storage, hydroponic nutrient mixing tanks, aquaculture tanks, acid tanks and more.

52-Gallon Poly Tank

- Made of heavy-duty, polyethylene plastic, which is resistant to most chemicals.
- Flat-bottomed, cylindrical tank has straight sidewalls and is completely self supporting.
- Smooth sidewalls for easy cleaning and no sediment buildup.
- Depth: 30". Diameter: 22". Wall thickness: 3/16".
- Lid sold separately.
- 1 year manufacturer's warranty.

113720/ 113721

111134/ 111133

Norwesco Tanks

- Manufactured using resins that meet FDA specifications to ensure safe storage of potable water.
- Feature tie-down slots, built-in graduated gallon indicators, offset fill opening and a self-vented, slosh-proof lid.
- Impact-resistant, one-piece seamless polyethylene construction.
- Designed to meet a specific gravity of 1.5, or 12.5 lbs. per gallon at 73°F.
- Green color limits light penetration to reduce the growth of waterborne algae.
- 16" opening. 2" drain.
- 3 year warranty from the date of manufacture.

111157

111156

111158

Conical-Bottom Tanks

- Ideal for use in aquaponic systems.
- Cone-shaped bottom for total drainage. 45° bottom angle. (112736 & 115317 have a 15° angle).
- Conical-bottom, cylindrical tanks are made of 3/16" thick, blue, heavy-duty, chemical-resistant, polyethylene plastic. (115317 tank is 1/4" thick).
- Not self supporting. Frame sold separately.
- Lids sold separately.
- Optional window kit can be purchased for any size tank. Window piece is 28" x 18".
- 1 year manufacturer's warranty.
- Tanks may come in blue or black.

112371/ 112718

Service Weight Gaskets

- Available in three sizes, these gaskets are manufactured from EPDM material to withstand harsh sunlight and greenhouse environments. 1.5" and 2" Service Gaskets each require a 3" hole. 4" Service Gasket requires a 5" hole.

2" Mushroom Vent Cap

- Designed for maximum venting efficiency to compensate for positive or negative pressure buildup in a tank. All four sides meshed to keep insects and debris out of the tank.

111623

111624

111625

111626

POLY TANK & LID

STK#	ITEM	COLOR	EACH
113720	3-Gallon Storage Tank	White	$ 46.95
113721	3-Gallon Tank Lid	White	18.49
111134	52-Gallon Storage Tank	Blue	253.95
111133	52-Gallon Tank Lid	Blue	80.95

NORWESCO TANKS

STK#	CAPACITY	DIMENSIONS	EACH
111156	305 gallons	46" Diameter x 50"H	$ 495.95
111157	550 gallons	67" Diameter x 44"H	1,415.95
111158	1,100 gallons	87" Diameter x 53"H	2,235.95

ACCESSORIES FOR NORWESCO TANKS

STK#	ITEM	EACH
111625	1.5" Service Weight Gasket	$13.95
111624	2" Service Weight Gasket	13.95
111623	4" Service Weight Gasket	15.29
111626	2" Mushroom Vent Cap	33.69

CONICAL-BOTTOM TANKS AND ACCESSORIES

STK#	ITEM	DIMENSIONS	EACH
112732	15-gallon Tank	15" Diameter x 26"H	$ 92.95
112733	15-gallon Tank Lid	–	41.95
116062	15-gallon Tank Frame	–	425.95
112715	30-gallon Tank	18" Diameter x 38"H	205.95
112719	30-gallon Tank Lid	–	57.95
116063	30-gallon Tank Frame	–	515.95
112371	55-gallon Tank	22" Diameter x 44"H	309.95
112718	55-gallon Tank Lid	–	88.95
116064	55-gallon Tank Frame	–	609.95
115317	80-gallon Tank	24" Diameter x 52"H	475.95
115315	80-gallon Tank Lid	–	82.95
116065	80-gallon Tank Frame	–	709.95
112370	120-gallon Tank	28" Diameter x 58"H	545.95
112738	120-gallon Tank Lid	–	113.95
116066	120-gallon Tank Frame	–	799.95
112736	250-gallon Tank	42" Diameter x 47"H	1,245.95
112737	250-gallon Tank Lid	–	285.95
116067	250-gallon Tank Frame	–	985.95
112814	Predrilled Window Kit	–	170.95

The ultra-versatile Irrigation Manifold Kit can be used in any irrigation application.

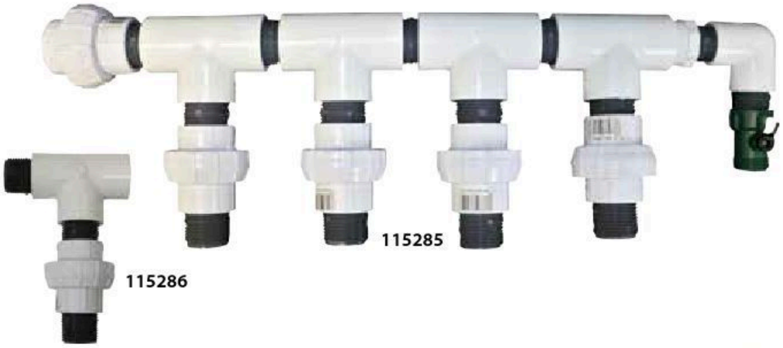
- The ideal manifold for any setting. Utilize for indoor or outdoor growing, drip systems, sprinkler systems and more.
- Features four zones. Includes an in-line flush valve.
- Should be used with 1" solenoid valves or 1" PVC ball valves.

Additional Zone Kit (115286)

- Creates a 5th zone on the Irrigation Manifold.
- Should be used with a 1" solenoid valve or a 1" PVC ball valve.

IRRIGATION MANIFOLD KIT

STK#	ITEM	EACH
115285	Irrigation Manifold Kit	$73.95
115286	Additional Zone Kit	16.45


115285

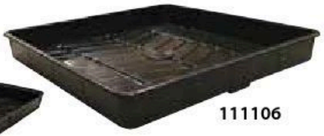
115286

Easy-to-clean Botanicare® Propagation Trays can be used with a variety of growing media. Large drain channels make complete and efficient drainage easy for the hydroponic grower.

- Manufactured from white 70% recycled plastic wrapped in a virgin UV-resistant capping. BPA free.
- Can be used with several types of media, including our Horticultural Perlite, Grodan Delta Gro-Blocks™ and Jiffy 7-C Coir Pellets.
- Low Tide Tray (111105) provides greater flexibility for greenhouses and grow rooms and is designed for large-scale top feed drip, run to waste, or recirculation systems. Features a 2" gully on each side for better drainage than single center drains. Ideal for use with our Standard 1020 Flats, sold separately.
- Create your ideal layout by connecting several Low Tide Trays (111105) using the multiple bulkhead ports.

117260

111105


111106

111107

117128

BOTANICARE PROPAGATION TRAYS

STK#	ITEM	INSIDE DIMENSIONS	OUTSIDE DIMENSIONS	EACH
117260	2' x 4' Flow Tray	24"W x 6"H x 48"L	29"W x 7"H x 53"L	$175.95
111106	4' x 4' Propagation Tray	50"W x 5.5"H x 50"L	52.75"W x 7"H x 52.75"L	189.95
111107	4' x 8' Propagation Tray	49.25"W x 5.5"H x 98.75"L	53.25"W x 7"H x 102.5"L	449.95
111105	2' x 8' Low Tide Tray	24"W x 4"H x 91.25"L	24.5"W x 4.25"H x 92"L	189.95
117128	4' x 4' Low Tide Tray	48.5"W x 35"H x 48.5"L	49"W x 3.75"H x 49"L	155.95

Botanicare Pallet Rack Trays for vertical propagation allow you to get the most out of your growing space.

- These 4' x 8' trays are designed to be used with standard, 42"W x 96"L pallet racking, allowing you to maximize your overhead growing space.
- Stackable design enables you to reduce your growing footprint by up to 50%.
- Trays feature a trough that hangs over the edge of the racking. It collects and redirects runoff to reduce the occurrence of standing water.
- Pallet Rack Trays are an ideal option for large-scale propagation or microgreen production. They are large enough to fit 16 10"W x 20"L propagation flats, making it easy to grow a number of different crops.

BOTANICARE PALLET RACK TRAYS

STK#	EACH
115725	$259.95

Available in three sizes, Uniseals® are ideal for use with aquaponics systems.

- Rated to 40 PSI.
- Withstand cold temperatures, will not harden, hold continuous pressure or vacuum.
- Fit standard schedule 40 PVC pipe.
- 25 year warranty.

112710

112367

112711

UNISEALS®

STK	SIZE	EACH
112710	1"	$4.59
112367	1.5"	5.75
112711	2"	8.59

300-Gallon Low-Profile Tank is a great general-purpose tank that can fit in a variety of spaces.

- Small height makes this tank easy to fit in tight spaces.
- For indoor or outdoor use.
- Stationary or portable.
- Gallon indicators are included on one end and one side of the tank.
- Comes with 8" vented lid.
- 48"W x 21"H x 80"L.

300-GALLON LOW-PROFILE TANK

STK#	EACH
112713	$835.00

Provide plenty of hydration without taking up precious space.

- Space saving design with a height of only 14".
- For indoor or outdoor use.
- Can be used as a stationary or portable unit.
- Ideal for hydroponic systems, marine industry, portable water, truck applications and more.
- Dimensions: 16" x 40" x 84".
- Two 16" lids and one 1.5" bulkhead fitting included.

250 DELUXE HOLDING TANK

STK#	EACH
113505	$625.00

SEE FULL-LINE @ WWW.FARMTEK.COM

HYDROCYCLE

115555

Ebb & Flo Systems let you grow big in a small space. These systems provide an effective and automated method to deliver optimal levels of water, nutrients and oxygen to your crops.

- Available in four sizes, these systems increase growth rate, yield, nutritional value and flavor of your crops.
- Utilizing the ebb and flow hydroponic method, these easy-to-use systems are perfect for propagating plants or nourishing and watering seedlings.
- Each system includes submersible pump, nutrient reservoir, grow tray, ebb and flo kit and 16-gauge, galvanized, square steel tubing frame with height adjustable feet for leveling.
- Custom, poly-injection-formed replacement fittings are available, sold separately.
- Trays and reservoirs are manufactured from durable ABS plastic with built-in UV inhibitors that minimize fading and yellowing from grow lights. Trays include drainage channels. Reservoirs feature porthole covers that make monitoring and refilling your nutrient solution easy.

111300

111303

111302

111304

EBB AND FLO SYSTEMS

STK#	SIZE	RESERVIOR CAPACITY	EACH
113501	4' x 4'	40 gallons	$ 809.00
113502	4' x 8'	100 gallons	1,779.00
115554	2' x 4'	25 Gallons	619.00
115555	2' x 8'	40 Gallons	729.00

REPLACEMENT FITTINGS

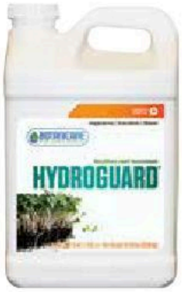
STK#	ITEM	EACH
111300	1/2" Barbed Bulkhead Fitting	$3.35
111301	3/4" Barbed Bulkhead Fitting	3.69
111302	Bulkhead Extension	1.59
111303	Bulkhead Screen	1.18
111304	Bulkhead Fitting Washer	1.15

113502

Allow your plants to reach their full potential by encouraging a healthy root mass with Hydroguard™.

- Hydroguard™ supplies plants with an isolated form of Bacillus Amyloliquefaciens, which canincrease root mass and health. Bacillus Amyloliquefaciens is particularly beneficial to hydroponic growing and can help to maximize plant yield.
- It works by breaking down organic materials and increasing nutrient availability.
- Hydroguard™ contains a minimum of 1.00 x 10^4 cfu/ml. It is 0.038% Bacillus Amyloliquefaciens and 99.962% inert ingredients.
- Contents are guaranteed for 2 years after the date on the package, but they should be used within 6 months of opening.
- Available in 1 Quart and 2.5 Gallons.

HYDROGUARD
113566



118139

BOTANICARE® HYDROGUARD™

STK#	SIZE	EACH	12 & UP
113566	1 Quart	$ 42.95	$ 41.95
118139	2.5 Gallons	195.95	189.95

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Reservoirs are an easy and effective way to store water for hydroponic growing.

- Available in 25-gallon, 40-gallon and 100-gallon capacities.
- Manufactured from durable, white ABS plastic. BPA free.
- Provides extra room for aeration and has a water level indicator on the side.
- Virgin UV-resistant capping wraps a 70% recycled plastic core.
- 1 year manufacturer's warranty.
- Built-in bulkhead ports on the front and side to accommodate pump lines and to allow multiple reservoirs to be joined in a line or side by side.
- Porthole cover is recommended.

118451 shown with 118452

113800 shown with 113799 and 112542

RESERVOIRS AND LIDS

STK#	ITEM	EACH
118451	25-Gallon Reservoir	$135.95
118452	25-Gallon Reservoir Lid	89.95
113800	40-Gallon Reservoir	179.95
113799	40-Gallon Lid	115.95
117940	100-Gallon Reservoir	209.95
117941	100-Gallon Lid	169.95
112542	40-Gallon Porthole Cover	14.95
118232	100-Gallon Porthole Cover	8.95

117940 shown with 117941 and 118232

Aeration System Components are vital for proper oxygenation and nutrient circulation of your hydroponic setup. Promote faster growth and healthier plants.

- Provide a constant supply of oxygen, as well as a steady current in your nutrient reservoir to ensure that nutrients do not settle.
- Ideal for all hydroponic systems, including NFT, float, ebb and flow, drip and aeroponics.

ActiveAqua Air Pumps (110725)

- 7.8 liters per minute. 3 W.
- Features silent operation with multi-level muffler.
- Special artificial rubber provides a steady air flow output and pressure that can be adjusted on multiple outlet models.
- Low power consumption.
- 4' power cord.
- 120 V. 60 Hz.
- Please note: Always keep your air pump above water level.

ActiveAqua Commercial Air Pumps (109258, 109259)

- Available in 70 liters per minute (60 W) and 110 liters per minute (112 W) models.
- High pressure and high output. Comes with multi-outlet divider (8 and 12) that can be opened or shut.
- Electrical magnetic air compressor in a high-quality aluminum alloy case, with wear and tear-resistant material for cylinder and piston.
- Provides quiet operation, long service life and very low energy use.
- Perfect to run multiple Air Stones at once.

ActiveAqua 6"L Pumice Air Stone/Air Diffuser (109260)

- Keeps root systems healthy while extending life of nutrient solutions.
- Provides uniform bubbles for air diffusion.
- 1/4" OD (air supply connection).

Sweetwater 3"L Air Stone/Air Diffuser (110077)

- High-quality ceramic is machined from a solid block of glass-bonded silica.
- Air Diffuser produces a uniform medium/fine bubble and is extremely resistant to clogging.
- Low maintenance—in most soft water applications, this Air Stone will not have to be cleaned for more than a year.
- Air Stone measures 1.5"W x 3"L.
- 3/8" OD (air supply connection).
- 2 year guarantee.

1/8" (110091) and 9/16" (WF1176) Clear PVC Tubing

- Use in combination as header tubing and air-supply tubing to provide aeration and nutrient circulation.

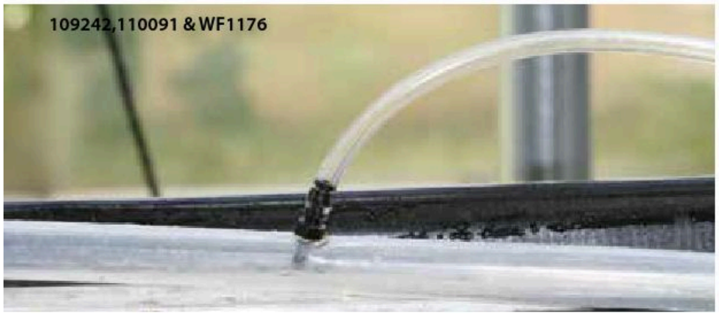
UNF Adapter Thread (109242)

- Use to prevent air and water leaks at tubing connections.
- 0.16 Barb x 10/32 UNF thread.

110725

109258

109242,110091 & WF1176



109260

110091

110077

109242

AERATION SYSTEM COMPONENTS

STK#	ITEM	EACH	DISCOUNT PRICE
110725	7.8-Liter, 2-Outlet Air Pump	$ 26.75	–
109258	70-Liter Air Pump	119.95	–
109259	110-Liter Air Pump	199.95	–
109260	6"L Pumice Air Stone/Air Diffuser	2.25	–
110077	3"L Ceramic Air Stone/Air Diffuser	12.55	–
110091*	1/8" Clear PVC Tubing, per ft.	0.50	$0.48 (100' & up)
WF1176	9/16" Clear PVC Tubing, per ft.	2.15	2.09 (100' & up)
109242	UNF Adapter Thread	0.20	0.19 (100 & up)

*Maximum continuous roll: 500'.

Active Aqua AA 5/8" to 1/2" NPT adapter for AA pumps.

- Reduces pump output from 5/8" to 1/2".
- Durable, water-tight construction.

5/8" X 1/2" NPT ADAPTER

STK#	EACH
116844	$3.15

NEW The Bluelab IntelliDose Fertigation And Irrigation Controller Kit automates nutrient dosing and plant irrigation for ultimate convenience and precision, so growers can achieve superior yields on a consistent basis.

- Intelligent control doses up to nine nutrients, additives and pH.
- Four (24 VDC) outputs available for irrigation if not used for nutrients.
- Proportional dosing rapidly adjusts between irrigation cycles, and with the ability to set alarms, growers can prevent overdosing or running dry.
- Sequential pump control allows time for additives to thoroughly mix.
- A versatile display enables readings in Celsius, Fahrenheit, pH, EC, CF and TDS.
- Features adjustable conductivity (EC) for day/night settings, as well as controlled water levels.
- Ideal for use with any growing method, like NFT, DFT/DWC, soil, media, drip and aeroponics.
- Remote monitoring feature allows data history cataloging, remote control and instant alerts via the Bluelab Edenic app (requires Bluelab IntelliLink and internet access).
- Controller kit comes complete with one IntelliDose controller, one IntelliLink device, three 120 ml peristaltic pumps, one set of 13'L acid tubing and two sets of 13'L nutrient tubing.

BLUELAB INTELLIDOSE FERTIGATION AND IRRIGATION CONTROLLER KIT

STK#	EACH
119052	$2,129.00

EC 1.7
pH 6.2
Tmp 71°F
Bluelab IntelliDose Controller
Bluelab
IntelliLink

NEW Portable, easy-to-use Bluelab Meters And Testing Supplies allow for comprehensive temperature, acidity/conductivity and nutrition data collection to help growers optimize plant health.

- Bluelab Meters and Testing Supplies are user-friendly, from simple calibration processes and easy-open sachets to convenient storage features and straightforward measuring.
- Operations can create the ultimate growing environment for plants with accurate information from Bluelab Meters and Testing Supplies.
- Useful features, like a replaceable pH probe, and a durable, shock-absorbent carrying case allow growers to use these tools for years to come.
- Combo Meter (119049), Meter Carry Case (119050) and Calibration Solution Mixed Sachet Box (119051) are easily portable and operable from anywhere.

Bluelab Combo Meter (119049)

- Three-in-one tool that measures pH, conductivity/nutrient levels (EC, CF, ppm 500 and ppm 700) and temperature in either Celsius or Fahrenheit.
- Completely portable and requires only two AAA batteries for power. The optional carrying case makes for easy transport, and the meter can also be used while stored in its case.
- A large, backlit display is easy to read in any light conditions.
- Replaceable pH probe is simple to swap out when the time comes, extending the life of the meter itself.
- Simple push button calibrators and successful calibration indicators, as well as Automatic Temperature Compensation (ATC), streamline the measuring process and help ensure complete accuracy.
- Includes a 6-1/2'L cable for hard-to-reach areas.

Bluelab Meter Carry Case (119050)

- A durable, firm outer case with zip closure provides protection and impact-resistance, while interior features secure the Combo Meter, probes and cables.
- Interior organization includes two pockets for probes, an internal strap to neatly store cables and a net pocket for the meter and strap.
- An adjustable webbed nylon carrying strap securely attaches to external 'D' hooks, allowing for worry-free transport and readings.
- This carrying case can also be used as a hands-free holder for readings.

Bluelab Calibration Solution Mixed Sachet Box (119051)

- This box contains individual sachets for care and calibration of pH and EC probes.
- Convenient quick-tear box is the ideal size for countertop storage and is an aesthetically-pleasing display for these easy-open, single use sachets.
- Mixed box includes:10x single use pH 4.0 calibration solution, 10x single-use pH 7.0 calibration solution, 5x single use 2.77 EC Conductivity solution and 5x KCl storage solution.

Closed

119050

119049

pH 7.0 calibration solution
pH 4.0 calibration solution
2.77EC conductivity standard
pH probe KCl storage solution
119051

BLUELAB METERS AND TESTING SUPPLIES

STK#	ITEM	EACH
119049	Combo Meter	$305.95
119050	Combo Meter Carry Case	29.95
119051	Calibration Solution Mixed Sachet Box	40.95

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

Easy-to-use testers are well built, reliable and will assist you in growing superior crops.

Waterproof Combo Tester – pH/EC/TDS/Temperature (107659)

- Fast, efficient, accurate and portable. The Combo Tester incorporates it all.
- The graphite conductivity electrode provides greater accuracy as it cannot be contaminated by salt deposits in the solution.
- Large, easy-to-read, dual level LCD, with automatic shut-off.
- Features an easy-to-replace pH electrode with extendable cloth junction. • Protective cap, electrode removal tool, batteries and instructions included.
- pH and EC/TDS readings are automatically compensated for the effects of temperature.
- EC Range: 0 µS/cm-3,999 µS/cm. pH Range: 0-14. TDS Range: 0 ppm- 2,000 ppm. Temperature Range: 32F° to 140°F (0°C to 60°C).
- Four 1.5 V batteries with BEPS (Battery Error Prevention System) included.
- Use with electrode solutions (113814-113818) sold separately.

Waterproof pH/EC/TDS/°C Meter for Growers (108251)

- Measure pH, EC, TDS and temperature in the °C scale in just one instrument.
- Fast response probe.
- Available only with °C display.
- Exclusive CAL CHECK™ feature.
- Includes probe with cable, calibration, cleaning and test solutions, one 9 V battery and protective case.

pH/EC/TDS/Temperature Monitor (117481)

- Designed for continuous monitoring of hydroponic nutrient solutions.
- A single amplified probe measures pH, temperature and conductivity (EC or TDS).
- Accurate measurements are displayed on a large LCD with plant-friendly green backlighting.
- An LED indicator warns when nutrient solution is out of the desired range.
- IP65 rated enclosure is designed to withstand harsh growing environments.
- Ambient light sensor features automatic LCD dimming.
- Calibration is simplified with a single-point pH and conductivity calibration solution.
- Provides automatic 30 day data logging with logs every 15 minutes.
- Data transfer via USB-C.

Combination pH/ORP Waterproof Tester (108254)

- Measures ORP for water ionization and chlorine sanitization.
- Automatic temperature compensation. Automatic calibration.
- Rugged housing is completely sealed against humidity and is designed to float.
- Comes complete with protective cap, probe removal tool, four 1.5 V batteries with BEPS (Battery Error Prevention System) and instructions.

WATERPROOF COMBINATION PH/EC/TDS/TEMPERATURE TESTER

STK#	EACH
107659	$270.95

WATERPROOF PH/EC/TDS/°C METER FOR GROWERS

STK#	EACH
108251	$339.95

PH/EC/TDS/TEMPERATURE MONITOR

STK#	EACH
117481	$539.95

COMBINATION PH/ORP WATERPROOF TESTER

STK#	EACH
108254	$279.95

117481

108251

107659

108254

HydroMaster Digital testers make monitoring water easier than ever by reading the levels that matter most and providing accurate readings that you can depend on.

Waterproof pH Temperature Tester (112507)

- Features as dual-level LCD, battery level indicator, replaceable pH electrode cartridge, stability indicator, automatic shut-off and automatic calibration.
- Floating, waterproof casing.
- pH Range: 0 to 14. Temperature range: 32°F to 176°F (0°C to 80°C).
- Comes complete with protective cap, electrode removal tool, three 1.5 V batteries with BEPS (Battery Error Prevention System) and instructions.
- Use solutions and cleaners (112506, 107673 and 112503).

Waterproof EC/TDS/Temperature Tester (112504)

- Detachable platinum electrode, adjustable TDS ratio, in °F or °C, automatic temperature compensation with adjustable β beta ratio, battery level indicator, stability indicator, automatic shut-off and automatic calibration.
- These 3-in-1 testers are unmatched in EC/TDS/temperature measurement and have a floatable, waterproof casing.
- EC range: 0 µS to 9,990 µS. TDS range: 0 ppm to 8,560 ppm.
- Temperature range: 32°F to 176°F (0°C to 80°C).

HydroMaster HM-500-pH/EC/TDS/°F Tester (113831)

- Tests pH at a range of 0 pH-14 pH, temperatures from 30°F-176°F, TDS from 0-9999 ppm and EC from 0-9999 µS.
- Stores up to 20 measurement readings, so you can monitor changes over time.
- LCD touch-type screen with auto back lighting.
- Powered by a rechargeable lithium ion battery.
- Features an alarm that has an adjustable set point.
- Automatically turns off after 5 minutes.
- Comes with mountable bracket, USB cable and wall adapter, 1 EC/TDS conductivity sensor and 1 pH sensor with storage solution bottle.
- 110 - 220 V.

WATERPROOF EC/TDS TEMPERATURE TESTER

STK#	EACH
112504	$87.95

HYDROMASTER HM-500

STK#	EACH
113831	$409.95

WATERPROOF PH TEMPERATURE TESTER

STK#	ITEM	EACH
112507	Tester	$116.95
112508	Replacement Electrode	52.95

113831

112508

112507

112504

Promote the longevity and overall function of your electrodes.

Conductivity Solution (113814)

- Calibrates electrodes.
- 1413 µS/cm EC value at 77°F.
- 20 mL sachets (25).

pH Buffer Solution (113815, 113817)

- 113815 supports a pH of 7.01 and 113817 supports a pH of 4.01.
- Accurate to +/- 0.01 pH at 77°F.
- 20 mL sachets (25).

Electrode Storage Solution (113816)

- Keeps the electrodes' glass membranes hydrated and the junctions clear.
- Fights microbial growth.
- 500 mL bottle.

Electrode Cleaning Solution (113818)

- Eliminates impurities and dirt on electrodes.
- Formulated specifically for electrodes used in agricultural applications.
- 20 mL sachets (25).

113814

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113816

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ELECTRODE SOLUTIONS

STK#	ITEM	EACH
113814	Conductivity Solution	$50.95
113815	pH 7.01 Buffer Solution	59.95
113816	Electrode Storage Solution	35.95
113817	pH 4.01 Buffer Solution	59.95
113818	Electrode Cleaning Solution	65.95

NEW Dolphin Pumps are designed and manufactured for maximum efficiency and minimum power consumption, allowing for cost-effective and worry-free operation of your hydroponic system.

- High-performance wet end designs.
- Continuous-duty, weather-proof motors and dual-sealed bearings.
- For fresh water applications only.
- For indoor or unprotected outdoor use.
- Anti-vibration pump pad and new super seal unions included.
- Corrosion resistant.

Premium Efficiency Diamond Aqua Sea 9250 (111146)

- High head, low current draw.
- 115 V, 50/60 Hz, 1 HP, 9,250 GPH.
- 1-1/2" supply and discharge.
- Comes with supply cord.
- 2 year manufacturer's warranty with 10 year free extended service guarantee.

Super Amp Master 7200 (111148)

- Designed to consume the lowest amount of energy per gallon pumped.
- Flow rates may be dialed back by a ball valve with no harm to pump. Electric current draw drops as flow is reduced.
- Super flow turbine-style impeller. Stainless steel crane seal for superior seal life.
- 115 V, 1/3 HP, 50/60 Hz, 7,200 GPH.
- 2" supply and discharge.
- Comes with supply cord.
- 1 year manufacturer's warranty with free 10 year factory service guarantee.

Aqua Sea Diamond 105000 (119017)

- Super-efficient high head, high-pressure/flow system pump.
- Built to consume the lowest amount of current for each gallon pumped.
- 115 V, 1-1/2 HP, 50/60 Hz, 10,500 GPH.
- Comes with supply cord.
- 1.5" supply and discharge.
- 1 year manufacturer's warranty and free 10 year factory service guarantee.

DOLPHIN PUMPS

STK#	ITEM	EACH
111146	Premium Efficiency Diamond Aqua Sea 9250	$ 929.00
111148	Super Amp Master 7200	1,185.00
119017	Aqua Sea Diamond 10500	1,249.00

DOLPHIN PUMP ACCESSORIES

STK#	ITEM	EACH
111150	1-1/2" True Union Swing Check Valve	$ 38.95
111153	2" True Union Swing Check Valve	57.95
111154	1-1/2" Enclosed Intake Strainer	48.95
111155	2" Machine Slotted PVC Intake Strainer	65.95
111151	1-1/2" EZ Primer/Strainer	154.95
111152	2" EZ Primer/Strainer	99.95

Dolphin Pump Accessories

True Union Swing Check Valves (111150 & 111153)

- Can be used with all water types.
- No metal, pressure or flow restrictions as found with spring check valves.
- Can be removed for cleaning and service.

1-1/2" Enclosed Intake Strainer (111154)

- Flexible poly base.
- Insert into 1-1/2" PVC fitting or 1-1/2" thin wall PVC pipe.
- Top diameter: 3.8". Bottom diameter: 4.71".
- Strainer height: 4.87". Overall height: 8.12".

2" Machine Slotted Intake Strainer (111155)

- Can be used for direct 2" intake.
- Comes with solid cap and 2" x 1-1/2" reducer bushing.
- Height: 11", including fitting.

EZ Primer/Strainers (111151 & 111152)

- Must be used in conjunction with Swing Check Valve when drawing water up an incline.
- Protects pump from debris that can clog or damage the impeller.
- Prevents noise from water cavitations in wet end, improving pump performance.
- Easy lid removal.

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ActiveAqua indoor/outdoor Magnetic-Drive Recirculation Pumps are ideal for hydroponic systems, ponds and more.

- Available in 250 GPH, 550 GPH, 800 GPH and 1,000 GPH flow rates.
- Multi-use submersible pumps with powerful mag-drive construction.
- Removable foam filters and impeller included.
- Outlet fitting sizes:
  - 250 GPH unit—1/2", 5/8", 3/4".
  - 550 GPH and 800 GPH units—1/2", 3/4", 1".
  - 1,000 GPH unit—1/2", 3/4", 1".
- For indoor/outdoor use. Oil free and environmentally safe.
- 1 year manufacturer's warranty.

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110722

110723

113776

ACTIVEAQUA RECIRCULATION PUMPS

STK#	ITEM	FOR RESERVOIR SIZE	EACH
110721	250 GPH ActiveAqua Pump	25-35 Gallons	$36.95
110722	550 GPH ActiveAqua Pump	55-65 Gallons	67.95
110723	800 GPH ActiveAqua Pump	80-100 Gallons	88.95
113776	1,000 GPH ActiveAqua Pump	100-Plus Gallons	98.95

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

Maintain clean, nourishing water with products from HydroLogic Purification Systems.

HydroLogic Purification Systems provide a wide range of products to ensure the finest water for your hydroponic, aquaponic or aeroponic systems. HydroLogic Systems are environmentally friendly and energy efficient, helping growers save time, as well as money. These systems are completely manufactured in the United States using green technologies

Big Boy De-Chlorinator & Sediment Filter (115702):

Is an extra high-flow filter that has a rate of 7 gallons per minute or 420 gallons per hour. It filters 99% of chlorine and at least 95% of sediment, providing only the purest water.

Evolution-RO1000 (115703):

Is a high flow reverse osmosis system capable of producing 1,000 GPD or 42 gallons per hour of pure water. Removes at least 94% of all parts per million and includes a KDF/Catalytic Carbon Filter and two membranes to reduce chlorine, chloramines, iron, sulfur and heavy metals. Highly efficient model runs 1:1 or 2:1 waste to product ratio.

Pre-Evolution (115704):

Is a high capacity pre-filter for the Evolution-RO1000. It promotes the efficiency of the Evolution and requires little maintenance. Highly recommended for systems that use more than 150 gallons of water per week. It features a cleanable sediment filter that can be reused. Has a combination of KDF85 and KDF55 with an environmentally friendly catalytic carbon filter that reduces chlorine, chloramines, iron, sulfur and heavy metals.

Big Boy Green Coconut Carbon Filter (115686)

Big Boy Pleated Sediment Filter (115687)

Evolution-RO1000 Membrane (115689):

Systems require two membranes.

Pre-Evolution Cleanable Sediment Filter (115692)

1/2" Float Valve (115697):

Features a 1/2" barb and an adjustable water level. Made with stainless steel and PVC components.

3/8" Float Valve (115698):

Has a quick connect fitting and can be used on the Evolution-RO1000 or any other filter system with 3/8" tubing. It features an adjustable water level and can be mounted vertically or horizontally. Made with stainless steel and PVC components.

3/4" Float Valve (115699):

Is a Heavy Duty and high-flow unit. It is non-corrosive and has a .48" orifice valve. It features an adjustable water level and is made with NSF approved PVC, stainless steel and rubber seals.

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HYDROLOGIC PURIFICATION SYSTEMS

STK#	ITEM	EACH
115702	Big Boy De-Chlorinator & Sediment Filter	$ 725.95
115703	Evolution-RO1000	1,385.95
115704	Pre-Evolution Pre-Filter	485.95

HYDROLOGIC REPLACEMENT FILTERS

STK#	ITEM	EACH
115686	Big Boy Green Coconut Carbon Filter	$115.95
115687	Big Boy Pleated Sediment Filter	81.95
115689	Evolution-RO1000 Membrane, requires two	279.95
115692	Pre-Evolution Cleanable Sediment Filter	51.95

HYDROLOGIC FLOAT VALVES

STK#	ITEM	EACH
115697	1/2" Float Valve	$ 33.95
115698	3/8" Float Valve	33.95
115699	3/4" Float Valve	119.95

115692

115697

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115699

Netafim™ Hanging Fogger and Sprinkler Systems help growers automate their watering and humidity with increased uniformity.

- Uniform application increases crop consistency.
- Reduce labor costs, improve efficiency and plant quality.
- Affordable compared to other fog and watering systems.
- Simple installation and disassembly.
- Durable with fewer maintenance issues.
- Reliable check valves, ensuring systems turn on and off at the exact same time.

Netafim™ VibroNet Sprinkler

- Drip-less sprinkler prevents plant damage from water dripping.

Netafim™ SpinNet Sprinkler

- Wider spray pattern (up to 24') allows single line usage where two were once necessary.
- Mist Control design optimizes flow rate and sprinkler pattern.

Netafim™ CoolNet Pro Foggers

- Affordable fogging system produces finer droplets for quicker evaporation, resulting in higher humidity.
- Flow rate of 8.1 GPH at 60 PSI and has four removable nozzles for easy disassembly and cleaning.

Netafim™ Hanging Assembly with Stabilizer Weight

- Super Flex UV WhiteTM 4/7mm Polyethylene tubing is made from the highest quality plastics.
- Solid white for long-term durability while withstanding heat and harsh chemicals. Excellent UV resistance.
- Barbed end for insertion into Polyethylene Tubing Supply Line and a female connecter on the other end to attach the check valve and sprinkler/fogger unit.
- Stabilizer weight keeps sprinkler/fogger vertical.

Hanging Assembly with SpinNet

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116464 with 116463

NETAFIM™ SPRINKLER AND FOGGER SYSTEM

STK#	ITEM	EACH	DISCOUNT PRICE
116455	VibroNet Blue Sprinkler	$4.75	$4.59 (25 & up)
116456	VibroNet Green Sprinkler	4.59	4.45 (25 & up)
116457	SpinNet Red Mist, Red Body, Blue Spinner	4.59	4.45 (25 & up)
116458	SpinNet Brown Mist, Brown Body, Blue Spinner	4.45	4.29 (25 & up)
116459	SpinNet Red Mist, Red Body, Grey Spinner	4.45	4.29 (25 & up)
116460	SpinNet Brown Mist, Yellow Body, Grey Spinner	4.45	4.29 (25 & up)
116461	SpinNet Red Mist, Red Body, Green Spinner	4.45	4.29 (25 & up)
116462	SpinNet Brown Mist, Brown Body, Green Spinner	4.45	4.29 (25 & up)
116463	CoolNet Pro Fogger, 4 Nozzles	8.45	8.15 (25 & up)

NETAFIM™ HANGING ASSEMBLY FOR SPRINKLERS

STK#	ITEM	EACH	DISCOUNT PRICE
116464	Hanging Assembly for Sprinklers, 12"	$2.49	$2.39 (25 & up)
116465	Hanging Assembly for Sprinklers, 18"	2.79	2.69 (25 & up)
116466	Hanging Assembly for Sprinklers, 24"	2.75	2.65 (25 & up)
116467	Hanging Assembly for Sprinklers, 30"	2.75	2.65 (25 & up)
116468	Hanging Assembly for Sprinklers, 36"	2.89	2.79 (25 & up)
116469	Hanging Assembly for Sprinklers, 48"	3.19	3.09 (25 & up)

General Hydroponics Nutrient Systems allows growers to invest in their crops and achieve superior production and quality.

- This comprehensive nutrient system helps growers boost growth in almost any environment.
- Provide precision feeding and consistency through every growth phase.
- Following the building-block method, the system combines nutrients in different ratios to create specialized mixes that increase control over plant development.
- Ideal ratio of minerals and balanced plant nutrition.
- Achieve premium results all year long.

GENERAL HYDROPONICS NUTRIENT SYSTEMS

STK#	ITEM	EACH
117377	FloraMicro, 1 quart	$ 21.95
117378	FloraMicro, 1 gallon	51.95
117379	FloraMicro, 6 gallon	185.95
117371	FloraGro, 1 quart	18.95
117372	FloraGro, 1 gallon	35.95
117373	FloraGro, 6 gallon	154.95
117374	FloraBloom, 1 quart	18.95
117375	FloraBloom, 1 gallon	43.95
117376	FloraBloom, 6 gallon	154.95

GENERAL HYDROPONICS RIPEN 0.5-7-6

STK#	ITEM	EACH
117368	Ripen 0.5-7-6, 1 quart	$ 46.95
117369	Ripen 0.5-7-6, 1 gallon	132.95
117370	Ripen 0.5-7-6, 6 gallon	585.95

GENERAL HYDROPONICS PH PRO DOWN/UP

STK#	ITEM	EACH
117380	Pro pH Down, 2.5 gallon	$119.95
117381	Pro pH Up, 2.5 gallon	102.95

MOTHER EARTH® COCO

STK#	ITEM	EACH
117382	Mother Earth® Coco, .75 cu. ft.	$38.95

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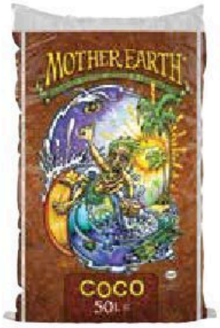

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Specially designed to compensate for deficiencies in some nutrient fertilizer programs.

- Prevents blossom end rot in tomatoes and peppers and tip burn in lettuce and cabbage.
- Protects against dry and withered flower and fruit sets, interveinal chlorosis, stunted growth rates and upward leaf curl.
- Increases cell division, plant tissue development and water, nutrient and carbon dioxide uptake.
- Produces more flower and fruit sets. Increases growth rates and crop maturity.
- Guaranteed analysis: 2-0-0. Standard-strength solution, 5 ml per 4 liters water, will achieve approximately N: 53, Ca: 84, Mg: 31 and Fe: 2.6.
- Ideal for hydroponics, soil growing and container gardens. We recommend using with our Jiffy-7C Coir Pellets, sold separately.
- Recommended for use with reverse osmosis water.
- Available in one-quart and one-gallon containers.

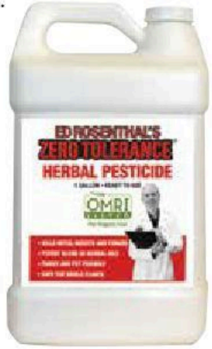
BOTANICARE
CAL-MAG
111171

CAL-MAG PLUS™ NUTRIENT SUPPLEMENT

STK#	SIZE	EACH	DISCOUNT PRICE
111170	1 quart	$27.95	$26.95 (12 & up)
111171	1 gallon	73.95	70.95 (4 & up)

Ed Rosenthal's Zero Tolerance® Pesticide naturally fights pests and molds.

- Meets EPA guidelines and is 100% vegan.
- Fully evaporates within five days, leaving no residue.
- Designed for plants that have a waxy surface, but can be diluted to safely treat delicate plants.
- Kills and repels spider mites, aphids, thrips, caterpillars, mealy bugs and molds.
- Can be used within a week of harvest.
- Available in concentrates. One concentrated pint makes 2.4 gal. and one concentrated quart makes 5 gal.

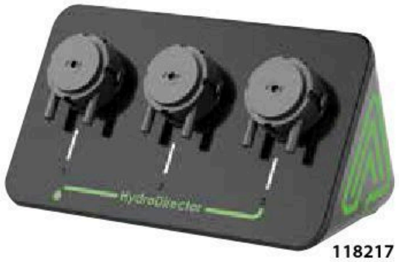


ED ROSENTHAL'S ZERO TOLERANCE PESTICIDE

STK#	PRODUCT	EACH
115216	Pesticide, 1 pt., concentrate	$ 71.95
115215	Pesticide, 1 qt., concentrate	119.95

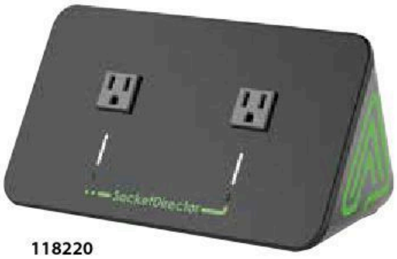
GrowDirector 3 PRO is an intelligent environmental control system powered by automation and advanced AI that is fully scalable and operated through a convenient app, simplifying growing and making it easy for operations to improve yields.

- Managed through free user-friendly app that can be accessed anywhere, anytime from phone, tablet or PC.
- This system helps prevent grower errors and enhances operations, leading to reduced labor costs, time and resource consumption.
- System comes as fully customizable package of wireless modules, sensors and software, so growers can choose what equipment they control.
- Growers can easily configure all automated routines, set highly customized working rules and use detailed data logging and analytics to track performance over time.
- Each module and sensor can function independently, in network or be integrated with other greenhouse software.


118217

HydroDirector Module (118217)

- Ideal solution for hydroponic automation, allowing growers to regulate and maintain perfect water quality by precisely controlling levels of pH, EC, water temperature, DO and ORP.
- When used in series, growers can control up to 48,000 dosing pumps.
- Each module can handle 3 dosing pumps and 3 hydroponic sensors.
- Device includes 24 V power adapter, 3 built-in dosing pumps, 3 ports for sensors and mounting brackets.


118220

SocketDirector Module (118220)

- This appliance controller allows growers to automate and control multiple appliances that operate using alternating current (AC), without any need for manual input.
- Ideal for use with chillers, heaters, fans, air conditioners, compressors, irrigation pumps and more.
- When used in series, growers can control up to 32,000 electrical devices for seamless operation.
- Each module can handle 2 AC sockets.
- Comes complete with power cord, mounting brackets and 2 AC sockets for plugging in electrical devices.

118221

DryContactDirector Module (118221)

- This controller lets growers automate and manage multiple dry contacts with ease. Can accommodate either high-power or low-voltage devices and equipment.
- When used in series, growers can gain precision control over 64,000 electrical devices.
- Single module can handle 4 dry contacts.
- Each device comes equipped with 24 V power adapter, 4 dry contact channels and mounting brackets.

118222

SensorDirector Module (118222)

- Greenhouse data management solution can be connected with IoT sensors to receive and analyze limitless plant data, allowing growers to obtain valuable insights on temperature, humidity, soil moisture and much more.
- Gain unprecedented visibility into health and performance of plants and make informed decisions to optimize growing conditions.
- Create separate finely tuned climate zones by using sensor data to configure climate control devices.
- When used in series, device can connect up to 64,000 IoT sensors.
- Each module can handle up to 4 sensors.
- Comes equipped with 24 V power adapter, mounting brackets and 4 ports for connecting IoT sensors.

118218

pH Sensor (118218)

- High-quality pH sensor measures acidity or alkalinity of nutrient solution used in crop production, helping growers maintain proper pH levels required for optimal plant growth and health.
- Sensor offers pH range of 0 to 14 and temperature range of 32°F to 212°F.
- Includes 10' industrial grade electrode cable.

118219

EC & Water Temperature Sensor (118219)

- Reliable sensor measures both electrical conductivity of nutrient solution and temperature of water, helping maintain ideal growing conditions at all times.
- Ensures growers' nutrient solution contains correct amount of dissolved salts and minerals required for optimal plant growth and health.
- Sensor offers EC range of 0 to 10 mS/cm and temperature range of 32°F to 212°F.
- 10' industrial grade electrode cable included.

118223

Air Temperature, Humidity & VPD Sensor (118223)

- Provides accurate and up-to-date information on conditions inside greenhouse or grow room, helping growers maintain optimal temperature and humidity levels.
- Growers can use data from sensor to adjust temperature and humidity, identify potential issues and take corrective actions as needed.
- Sensor offers temperature range of -40°F to 180°F and humidity range of 0% to 100% RH.
- Includes 6-1/2' cable.

GROWDIRECTOR 3 PRO

STK#	ITEM	EACH
118217	HydroDirector Module	$770.00
118220	SocketDirector Module	485.00
118221	DryContactDirector Module	590.00
118222	SensorDirector Module	550.00
118218	pH Sensor	430.00
118219	EC & Water Temperature Sensor	430.00
118223	Air Temperature, Humidity & VPD Sensor	78.00

Improve plant quality, while increasing production with Johnson Gas CO2 Generators. These generators automatically provide the carbon dioxide needed to meet maximum growing potential for only pennies per day.

- Easy to install in any greenhouse, without expensive duct work.
- CO_2 is diffused evenly throughout greenhouse. No supplemental fans required.
- Small size for easy movement.
- Constructed from high-quality steel for corrosion resistance and long life.
- Controls subject to rigorous testing during production to ensure safe and proper operation.
- Automatic gas shut-off in case of pilot failure.
- Based on one air exchange per hour, 1,500 ppm can be obtained per unit in a 4,800 sq. ft. greenhouse or an equivalent 50,000 cu. ft. volume.
- Transformer is required for operation. Can operate up to three units with one transformer. 115 V/24 V, 40 VA.
- 1 year manufacturer's warranty.

111114

CO_2 GENERATORS

STK#	ITEM	FUEL TYPE	EACH
111081	CO2 Generator	Propane	$1,605.00
111082	CO2 Generator	Natural Gas	1,605.00
111114	24 V Transformer	–	98.95

AutoVent Low Voltage Motor Controllers provide complete control for any combination of your ventilation equipment.

- User-friendly, easy-to-understand, 4.3" color touchscreen interface.
- Powers and controls two 24 VDC curtain motors.
- Controls two banks of heaters or fans.
- Easily reconfigured for any other combination of heaters, fans or curtains.
- Lower your heating costs by using time of day temperature mode.
- Time of day light deprivation mode.

AutoVent
77.0°
0.0
CAPTAIN 6

AUTOVENT LOW VOLTAGE MOTOR CONTROLLERS

STK#	INPUT POWER	EACH
116637	120/240 V	$1,309.00
116638	12 V Battery Input	1,519.00
116639	12 V Solar Panel & Battery Input	1,939.00

Outfit your AutoVent Low Voltage Motor Controller with the Wind Sensor and Rain Sensor for added automation and control.

- Prevent damaged plants and keep plastic from blowing away with the wind sensor.
- Prevent overwatering and keep your interior dry with the rain sensor.
- Both options feature a 100-foot cord for extended range.

116641

116640

AUTOVENT LOW VOLTAGE MOTOR CONTROLLER WIND & RAIN SENSORS

STK#	ITEM	EACH
116640	Rain Sensor	$275.95
116641	Wind Sensor	295.95

Link4 iGrow Controllers are the latest in greenhouse environmental automation. Control and integrate a variety of equipment in your greenhouse with one easy-to-use system.

- Precision controls allow you to improve crop quality and lower energy costs.
- Exclusive 2 year manufacturer's warranty and 24/7, 365 days per year support.

iGrow 800 Integrated Panels with Link 4 Standard (116417)

- The iGrow 800 Controller and a UL-approved contactor panel in one. Pre-wired units eliminate wiring errors in the field.
- Features an extra output, so instead of eight, growers can run nine different pieces of greenhouse equipment from this controller.
- Get all the benefits of the iGrow 800 Controllers, plus easier installation with reduced costs.
- Panel features a VC option for controlling vents and curtains, as well as the S module, which allows you to monitor your equipment from a computer, smartphone or iPhone.
- Comes in a Nema 4 enclosure, which is made from powder coated white steel.

iDrive 300 Motor Controller (112824)

- The iDrive 300 Motor Controller is compact, powerful and versatile motor controller designed to operate vents, curtains, 2 speed fans and other multi-function motor applications.
- Designed to work with nearly any industrial motor you'll find out there, the iDrive 300 gives you the ability to interface your motor to any common electronic controller, thermostat or manual control.

iDrive 150 DCP™ Dual DC Motor Controller (116252)

- Based off of the iDrive 300™, this controller features similar components and design, ensuring users get a controller of the highest quality.
- Several features make this controller ideal for DC motors, including voltage adjustments for line losses, IR compensation, torque controls and more.
- Single phase, 120 VAC and a 15A fuse to provide internal electronic protection.
- 24 VDC, which is variable from 0 - 36 VDC.
- Three wire limit switch design.
- Power relays.

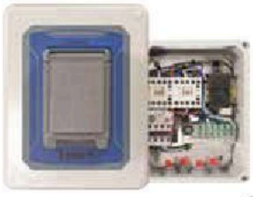
iGrow 1800 Controller (117301)

- Ideal for large greenhouses and operations.
- The unit has 12 indoor outputs with expansion capability.
- iGrow 1800 special features include PC configuration, sensor back up, anticipatory heating and cooling and more.
- Multi button keypad allows the unit to be easily programmed and operated.
- Control capabilities include alarm via Linkconn software, heating systems, pumps, CO2 injectors, fans, fertigation injectors, lights, irrigation, louvers, vents, shade, cooling systems, fog systems and much more.
- The iGrow 1800 also has advanced settings that allow growers to set eight daily set points, flexible conditional controls, intelligent irrigation, start delays, advanced pump control, positive pressure control, user differentiated access control and daily light integral lighting mode.
- Linkconn software sold separately.

Link4 Controller Accessories

- Indoor Digital Temperature and Humidity Sensor (111142): Upgrade for iGrow 800 Controllers. Offers high precision for relative humidity and temperature readings. Housed within a protective shield that safeguards against radiation and reflected heat. Measures -30°F to 150°F and 0% to 95% relative humidity.
- Weather Station (112231): Get the most accurate reading of weather conditions right on your iGrow Controller. Includes high-precision sensors for light (0 to 2,000 W/m2), wind speed (3 to 175 mph) and direction (+/-2%), temperature (-30°F to 150°F) and rain (0.01"). Housed in specially designed enclosures and radiation shields, it is able to detect the most minute changes in weather conditions to full-blown storms.
- 112231 is compatible with 800 series controllers.
- iPonic D.I.S.M. Digital Integrated Sensor Modules effortlessly monitor temperature, humidity, CO^2 and light. This module comes with a 16 ft. cord to connect to our Link4 hydroponic controllers. 117762 connects with wiring through a junction box.

116417



111142

116252

117301

117762

112824

112231

LINK4 GREENHOUSE ENVIRONMENTAL CONTROLLERS

STK#	ITEM	EACH
116417	iGrow 800 Integrated w/Link4 Standard	$4,365.00
112824	iDrive 300 Motor Controller	915.00
116252	iDrive 150 DCP™ Dual DC Motor Controller	915.00
117301	iGrow 1800 Controller	7,959.00

LINK4 CONTROLLER ACCESSORIES

STK#	ITEM	EACH
111142	Indoor Digital Temperature and Humidity Sensor	$ 509.00
112231	Weather Station for 800 series	2,475.00
117762	Link4 Iponic D.I.S.M. Digital Integrated Sensor Module	779.95

Allow your tomato plants to climb with the Easy Grow Cable Trellis Kit.

- Simplifies the management of your trellised tomato plants.
- This 132'L trellis kit can be paired with our longest HydroCycle Dutch bucket system or cut down to fit smaller systems and shorter rows.
- Supports 350 lbs. of mature plants on a 12' run.

CABLE TRELLIS KIT FOR TOMATOES

STK#	EACH
113822	$36.95

Save trellising labor time.

- Designed to avoid slipping or jumping from the wire, this unique assembly enables smooth lowering with full control.
- Quick-release feature for the first 3 to 4 meters of twine.
- Includes assembly body and a 15 meter (49-1/4') spool of RollerPlast White Twine.
- Additional assembly bodies and twine sold separately below, in case quantities of 800 each.

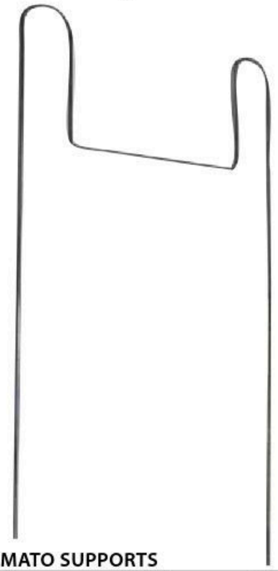
110015
110013
110014

TOMATO ROLLERPLAST ASSEMBLY

STK#	ITEM	PRICE PER UNIT		
		EACH	DISCOUNT PRICE	
110013	Tomato RollerPlast Assembly	$1.08	$1.04 (50-99)	$1.01 (100 & up)
110014	RollerPlast Body, Case of 800	0.40	0.39 (2 cases & up)	0.37 (5 cases & up)
110015	White Twine, 15 meter Spool	0.57	0.54 (2 cases & up)	0.52 (5 cases & up)

Improve your tomato crop by simplifying the lean and lower method.

- Durable wire support provides a resting point for growing tomato stems.
- Elevate and organize plant stems.
- Keep stems contained and out of walkways and aisles.
- Easy to use. Just stake into dirt or attach to the legs of stands or fixtures.



TOMATO SUPPORTS

STK#	EACH	110 & UP
113891	$8.29	$7.95

Hooks, Holders and Supports keep your vines healthy and prevent plant damage.

Two-Piece Radial Hook (110008):

Easy-to-use hook fits over wire with up to a 3.75 mm diameter. Intended for multiple season usage, this unique hook helps prevent plant breakage. Sold in bulk-packaged quantities of 100.

Flexible Arch Cluster Support (110005):

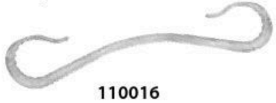
Intended for use during the cluster's flowering stage. Offers a support arch for the cluster stem. Aired support promotes better ventilation and helps prevent Botrytis fungus. Quick and easy to install. 6 mm wide. Sold in bulk-packaged quantities of 1,000.

Stem Holder (110016):

Ideal for difficult-to-manage stems and plants. Prevents drooping, bending and flopping, allowing plants to grow strong. UV protected. Long lasting. Sold in bulk-packaged quantities of 100.

Super J Double Cluster Support Hook (110017):

Unique design offers support and prevents damage to the cluster stem. Easy to use. Sold in bulk-packaged quantities of 100, boxed quantities of 5,000 or economical case quantities of 17,000.



110016

110017

110008 Assembled

110008 Disassembled

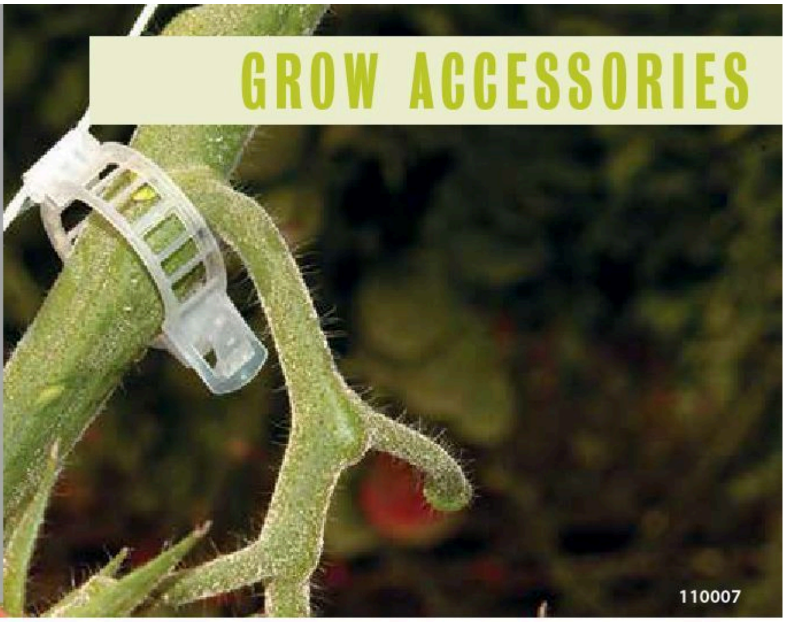
HOOKS, HOLDERS AND CONNECTORS

STK#	ITEM	EACH	DISCOUNT PRICE	
110008	2-Piece Radial Hooks, Bag of 100	$14.39	$13.85 (20 & up)	–
110005	Cluster Supports, Bag of 1,000	16.45	15.79 (17 & up)	–
110016	Stem Holders, Bag of 100	5.09	4.89 (60 & up)	–
110017	Super J Double Cluster Support Hooks	4.09 (Bag of 100)	3.95 (50 & up) (Box of 5,000)	$3.79 (Case of 17,000)

Connect plants to trellis twine quickly and easily.

- Saves time and labor over other trellising methods.
- Aired clip promotes better ventilation and helps prevent Botrytis fungus.
- We recommend our RollerPlast White Twine (15 meter/49-1/4' spool) or our RollerHook® White Twine (32 meter/105-1/4' spool) to effectively hold clips in place.
- Ideal for tomatoes, cucumbers and other vine crops.
- Sold in bulk-packaged quantities of 1,000 clips.

110007
110006



TOMATO CLIPS

		PRICE PER BAG OF 1,000	
STK#	ITEM	EACH	DISCOUNT PRICE
110007	Standard Clip, 23 mm/0.906"	$16.95	$15.95 (10 & up)
110006	Jumbo Clip, 25 mm/0.984"	17.95	16.95 (9 & up)

Unique assembly designed to avoid slipping or jumping from the wire as well as ensuring smooth lowering with full control.

- This simple-to-use device saves trellising time and labor.
- Fits over wire with 2.50 to 4.00 mm diameter.
- Includes wire assembly frame and a 36 meter (105-1/4') spool of RollerHook® White Twine.
- RollerHook® features a multiple season usage. White Twine features up to three-year usage.
- Additional wire frames and twine sold separately below, in case quantities of 550 each.
- 110010 does not come assembled.

110010

110011

115455

TOMATO ROLLERHOOK® ASSEMBLY

		PRICE PER UNIT		
STK#	ITEM	EACH	DISCOUNT PRICE	
110010	Tomato RollerHook® Assembly	$1.29	$1.25 (100 & up)	–
110011	RollerHook® Wire Frame	0.46	0.44 (4 cases & up)	$0.42 (8 cases & up)
115455	White Twine, 36 meter Spool	0.67	0.64 (4 cases & up)	0.62 (8 cases & up)

The Miller Deluxe Beginner Beehive Kit contains everything you need to get started beekeeping in one box.

- This starter kit features Little Giant 10-frame Langstroth hive with frames and foundation pre-installed, allowing for easy setup and use.
- Includes gloves, veil, smoker, smoker fuel, bee brush, hive tool and frame feeder.
- Comes complete with instructions and Beekeeping for Dummies book.
- Bees must be purchased separately.

MILLER DELUXE BEGINNER BEEHIVE KIT

STK#	EACH
117903	$329.95

This 6" trellis netting is designed to stay tight and handle more weight, ensuring superior support for your crops.

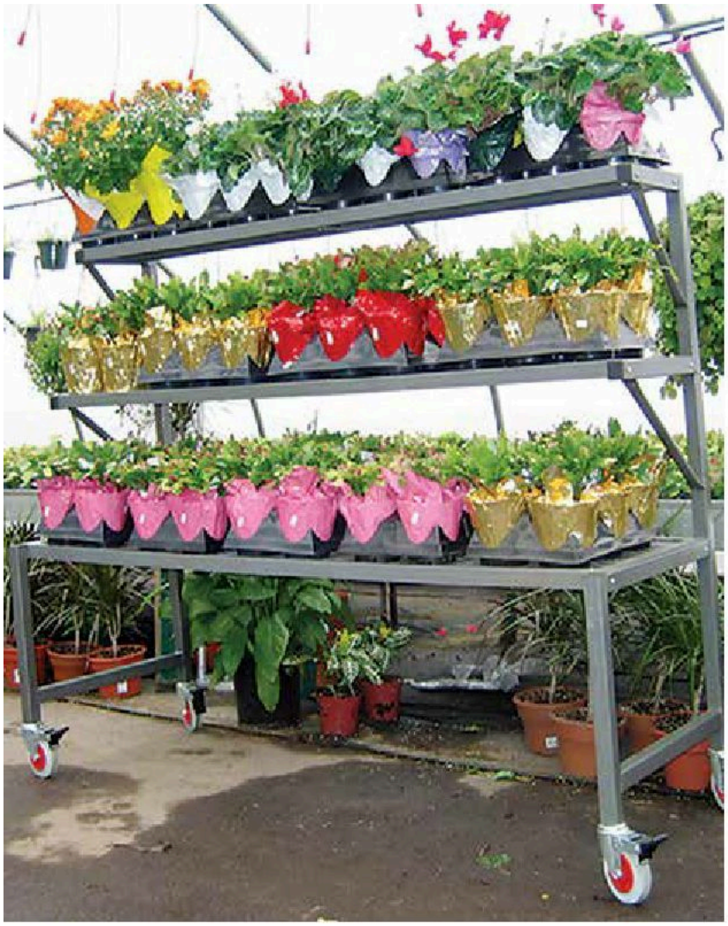
- Promotes increased harvests and cleaner produce.
- Features 6", reach-through mesh.
- High-density polyethylene.
- 4'W x 8'L.
- Limits effects of pests, fungus and disease.
- Great for tomatoes, grapes, sweet peas and other vine crops.

BOTANICARE
HORTITRELLIS
4' x 8'

TRELLIS NET

STK#	EACH
118824	$6.49

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

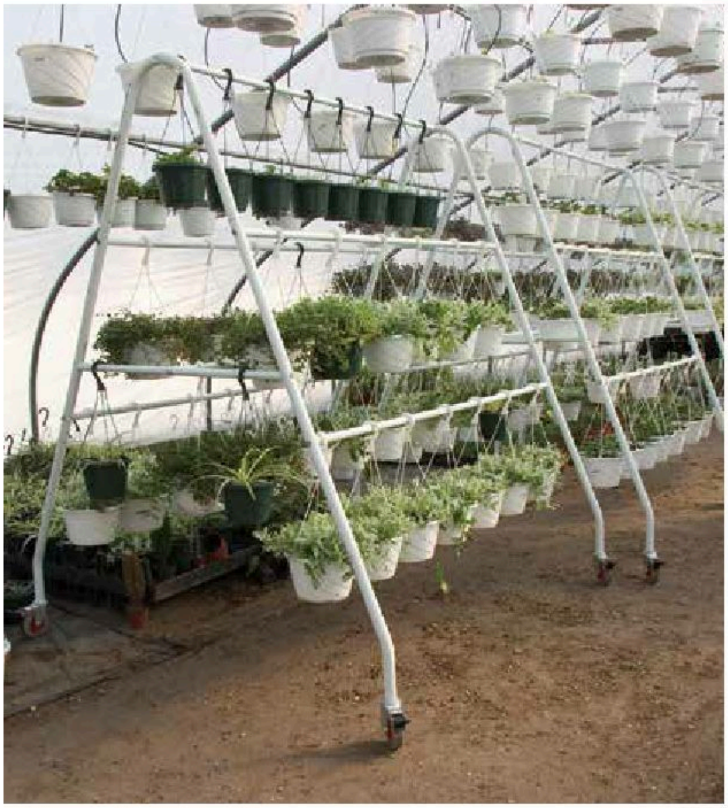


Let a versatile EZ-Grow Multi-Tiered Display Unit solve your "limited space" problem.

- Designed for a wide variety of applications, these display units are ideal for sidewalk displays, garden centers, greenhouses, grocery and convenience stores.
- Expanded metal bench top and Heavy Duty casters come with each unit.
- The modular design allows you to achieve unlimited lengths by adding units.
- Display unit has a capacity of 21 #1020-style flats. Comes complete with four shelves. Bottom shelf can be removed to allow for under unit storage.

EZ-GROW MULTI-TIERED DISPLAY UNIT

STK#	SIZE	EACH	2 & UP
104319	72"W x 26-3/4"D x 50"H	$415.00	$395.00



Display and transport hanging plant baskets.

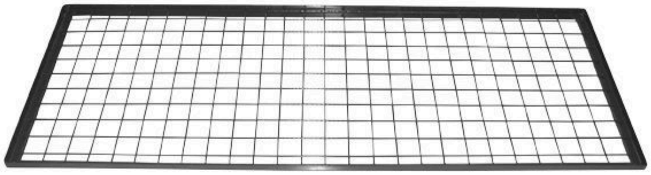
- Display up to 32 hanging baskets on this durable, attractive Plant and Display Rack.
- 5" casters let you roll unit between greenhouse and outdoor display area.
- Save loading/unloading costs. Just wheel fully loaded rack out each day.
- A-frame design ensures stability at any load level.
- 1-1/2" OD, powder-coated, sturdy white metal pipe.
- Fast, one-person, snap-button assembly.
- Dimensions: 72"W x 73"D x 87"H (height includes casters).

EZ-GROW PLANT AND DISPLAY RACK WITH CASTERS

STK#	EACH	2 & UP
103780	$295.00	$285.00

Save valuable space in your nursery or greenhouse. Ideal for mobile retail displays.

- Standard unit will hold over 48 sq. ft. of seedlings, potted plants and flowers.
- Heavy Duty, powder-coated metal frame.
- Includes five adjustable wire shelves, each with room for four 10" x 20" flats. Bottom shelf is set in place.
- Add up to 16 more shelves (110218, each sold separately below), providing an additional 125 sq. ft. of display area.
- Link two or more Display Racks together. Hitch and tow bar are standard with each unit.
- Maneuvers easily and smoothly through narrow greenhouse aisles on Heavy Duty 6" casters (2 fixed and 2 swivel).
- Replacement casters are available below.
- Capacity: 600 lbs.
- Dimensions: 56"W x 21"D x 82"H (height includes casters).



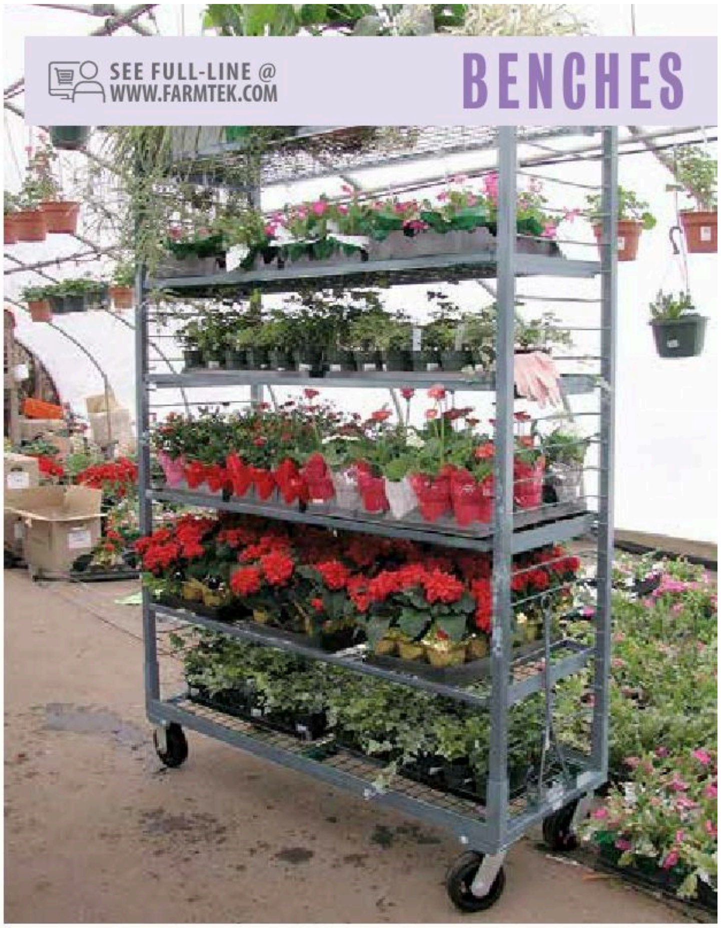
110218

EZ-HAUL TRANSPORT AND DISPLAY RACK

STK#	ITEM	EACH	50-99	100 & UP
110217	Transport & Display Rack	$419.00	$385.00	$365.00
110218	Additional Shelf	36.95	33.95	32.95

REPLACEMENT CASTERS

STK#	ITEM	EACH
110219	6" Fixed	$30.85
110220	6" Swivel	31.25

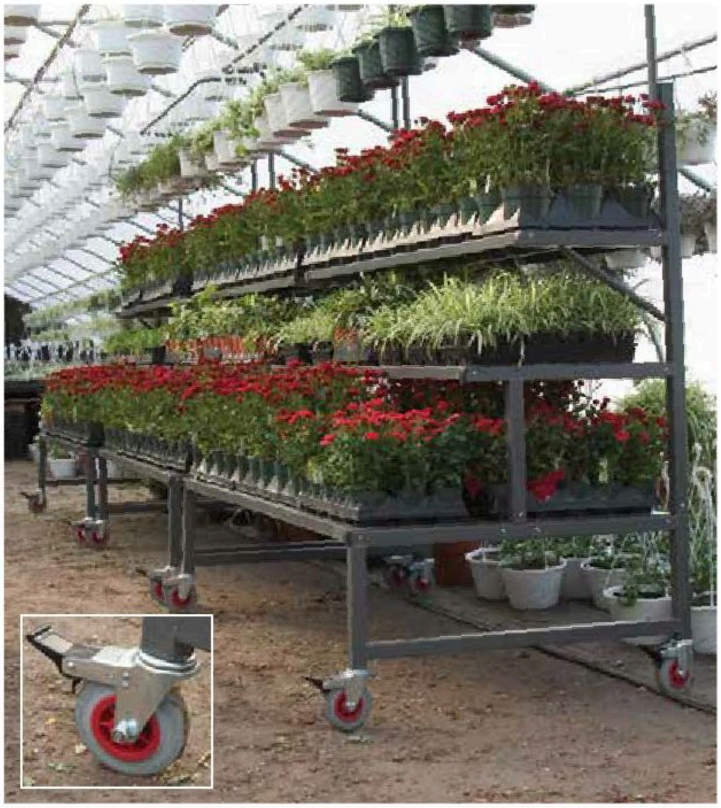


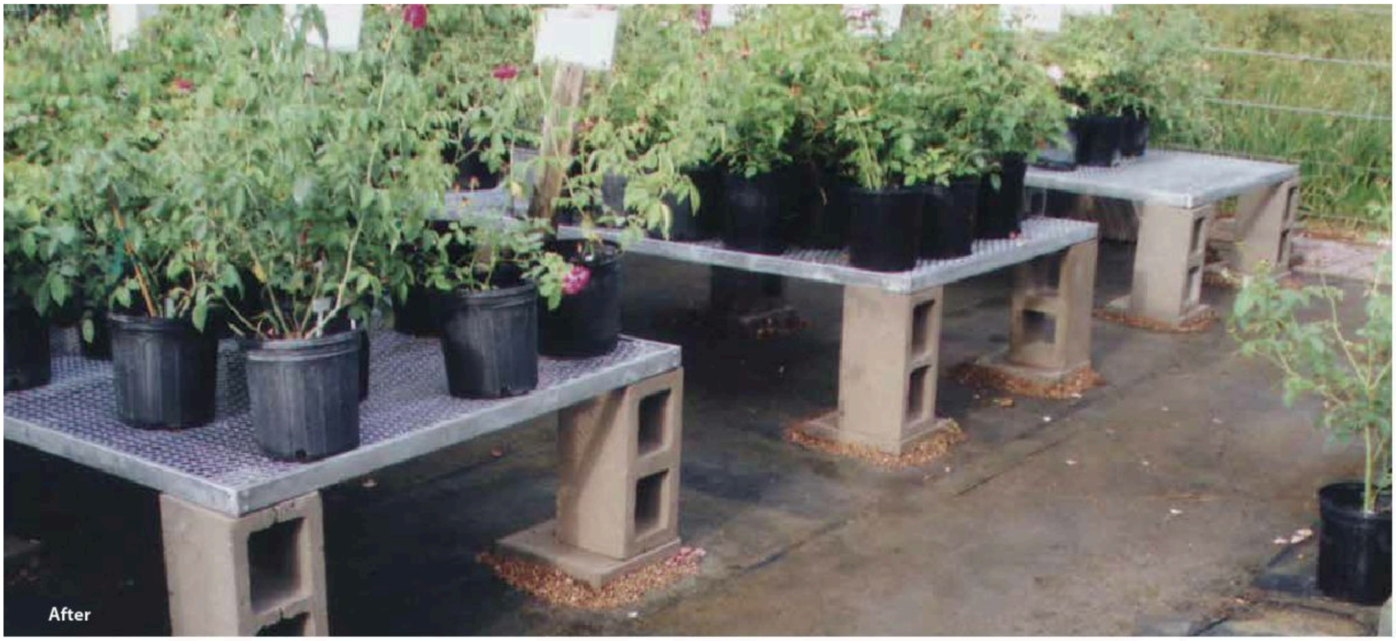
Versatile, attractive indoor/outdoor plant display comes with free casters.

- Three levels of expanded metal shelves for flats.
- Purlin holds up to six 10" hanging baskets.
- A standalone or portable greenhouse bench/outdoor display.
- 5" casters let you roll unit between greenhouse and outdoor display area.
- 1-1/2" OD powder-coated deep tawny colored steel frame.
- Configure two units back-to-back for attractive center aisle display.
- Dimensions: 72-1/4"W x 39"D x 94"H (height includes casters).

EZ-GROW 3-LEVEL PLANT AND DISPLAY BENCH

STK#	EACH	2 & UP
103854	$435.00	$419.00





Create your own bench system with this economical expanded metal bench top.

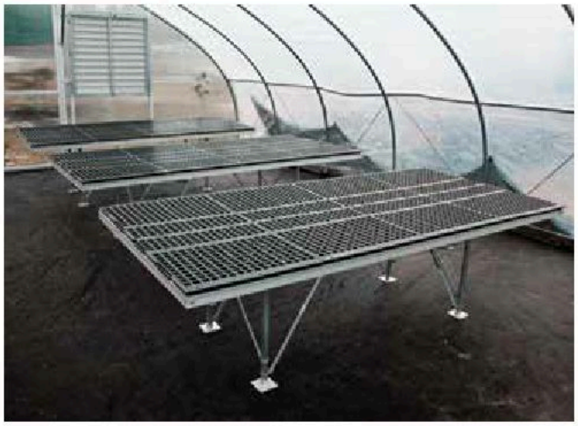
- All you need to do is supply the legs. Use cinder blocks or build your own with your supplies or our conduit, sold seperately.
- Frame edges are constructed from 17-gauge hot-dipped, galvanized steel.
- The 13-gauge, 1-1/2" x 1" mesh, expanded metal top allows for air circulation and water drainage.
- Assembly required.
- Size: 4'W x 8'L.

EXPANDED METAL BENCH TOP PANEL W/FINISHED EDGES

STK#	EACH	25 & UP
106075	$209.95	$199.95

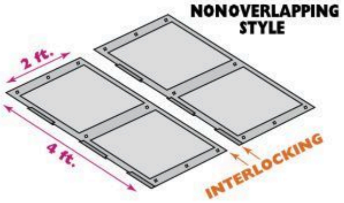
PolyMax® Bench Panels allow maximum air circulation around plants and reduce cleaning time and labor costs.

- Easy to clean. Withstands high-pressure washings and disinfectants.
- Durable, lightweight material will not rot, rust or corrode.
- Ideal drainage. No water or soil buildup.
- 24" x 48" black panels with 7/8" x 7/8" square openings.
- Slats can be easily cut to any dimension.
- Bench sold separately.



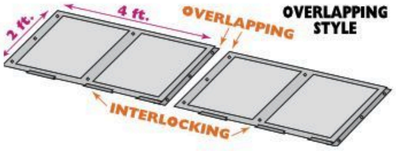
Nonoverlapping Style

- Slats do not overlap on the 2' sides.
- Interlock on the 4' sides for ease of assembly and strength.
- In addition to end supports, slats must have a center support.
- For decks or pens no wider than 4 ft.



Overlapping Style

- Slats overlap on the 2' sides, utilizing a single support member.
- Interlock on the 4' sides for easy assembly and strength.
- For decks or pens of any width.



POLYMAX® GREENHOUSE BENCH PANELS

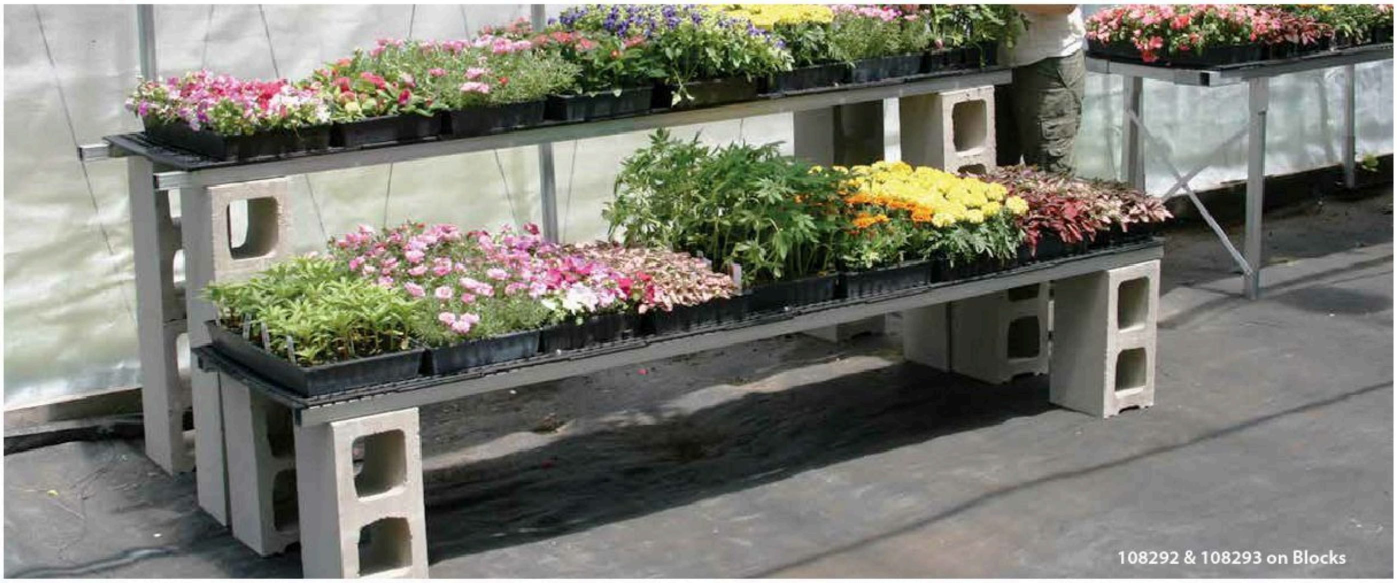
STK#	STYLE	EACH	50-199	200 & UP
HA2215	Overlapping	$30.95	$29.95	$28.95
HA2217	Nonoverlapping	33.95	32.95	31.95

If you're tired of bending over to tend to your Dutch buckets, you'll love these benches. The Dutch Bucket Low Profile Bench lifts your buckets to the perfect height, but its list of uses doesn't end there.

- Benches come with optional leveler feet that can add height to the bench and enable you to slope the bench.
- Great for any greenhouse need that requires a low-profile bench; you can create your own tiered display, display taller plants at eye level and more.
- Made from galvanized, 1.5" steel tube and galvanized expanded metal. The benches have been constructed without welds to reduce the risk of corrosion.

DUTCH BUCKET LOW PROFILE BENCH

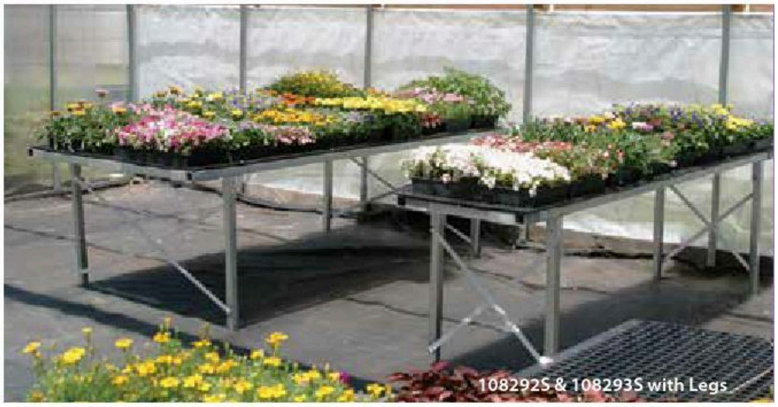
STK#	SIZE	EACH
115050	12"W x 72"L x 7"H	$145.95
115051	12"W x 144"L x 7"H	255.95
113179	19"W x 144"L x 7"H	349.95
113180	19"W x 72"L x 7"H	205.95



108292 & 108293 on Blocks

PolyMax® Bench Systems will last a lifetime.

- Available in two sizes as either a complete system with legs or as a bench top only.
- Frame and legs are manufactured from our 1.5" square, triple-galvanized steel tubing that is rust and corrosion resistant.
- Indestructible PolyMax® Bench Panels allow maximum air circulation around plants and reduce cleaning time and labor costs. This durable, yet lightweight material will not rot, rust or corrode. Easy to clean and able to withstand high-pressure washings and disinfectants, offering ideal drainage no water or soil buildup.
- Height of complete Bench System with legs: 30"H.
- Create any length system you need. Simply start with our 4' x 8' PolyMax® Bench with legs (108293SE). Our "Add-On" Benches are available in 8' sections only and allow you to expand your growing area at any time. Add on multiple bench units to achieve the desired length that best suits your growing needs.



108292S & 108293S with Legs

POLYMAX® BENCH SYSTEMS

		BENCH TOP ONLY		BENCH SYSTEM W/LEGS*	
STK#	SIZE	EACH	4 & UP	EACH	4 & UP
108292	2' x 8'	$189.95	$179.95	$295.95	$275.95
108293	4' x 8'	355.95	335.95	525.95	505.95

*Add S to the end of the STK# when ordering the complete Bench System.

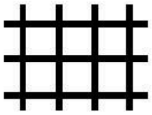
POLYMAX® CONTINUOUS BENCH SYSTEM ADD-ON

STK#	EACH	4 & UP
108293SE*	$396.95	$376.95

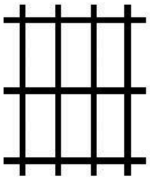
*8' Add-On Bench Section cannot be used independently. Must be used with STK# 108293S.

Make your own greenhouse benches with our durable and economical galvanized wire mesh.

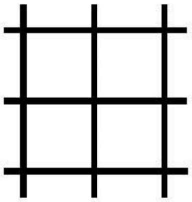
- High-tensile steel wire mesh with pure zinc galvanizing.
- Mesh pattern allows for greater light, better air circulation and improves heating efficiency.
- 1" x 1" mesh is 14 gauge and will hold 10" to 12" pots with 2 ft. supports.
- 1" x 2" mesh is 14 gauge and will hold 4" pots, 6" pots or 8" pots with 2 ft. supports.
- 2" x 2" mesh is 14 gauge and is great for flats and trays and is most economical.
- Easy drainage means bench stays dry and disease free, and there is no rust or rot.
- Roll length: 100 ft.



1" x 1"



1" x 2"



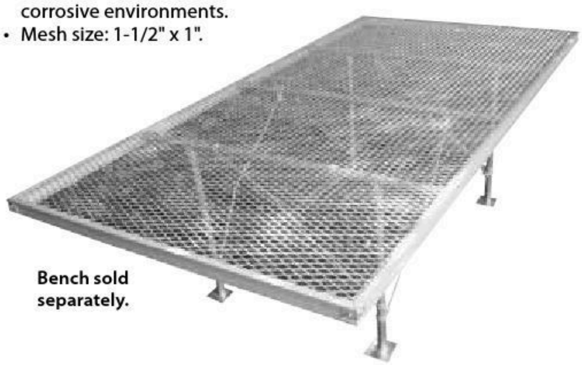
2" x 2"

GALVANIZED WIRE MESH

		PRICE PER ROLL	
STK#	WIDTH X MESH	EACH	4 & UP
107006	24" x 1" x 1"	$191.95	$185.95
107007	36" x 1" x 1"	267.95	257.95
107008	48" x 1" x 1"	239.95	229.95
107009	60" x 1" x 1"	399.95	385.95
107010	72" x 1" x 1"	449.95	435.95
107011	24" x 1" x 2"	164.95	159.95
107012	36" x 1" x 2"	212.95	205.95
107013	48" x 1" x 2"	267.95	257.95
107014	60" x 1" x 2"	309.95	299.95
107015	72" x 1" x 2"	305.95	295.95
107019	48" x 2" x 2"	129.95	125.95
107021	72" x 2" x 2"	205.95	195.95

Great way to finish off your EZ-Grow Professional Greenhouse Bench.

- 13-gauge expanded metal with diamond openings and unfinished edges.
- Hot-dipped, galvanized finish protects the panel from corrosive environments.
- Mesh size: 1-1/2" x 1".



Bench sold separately.

EXPANDED METAL BENCH TOP PANELS

STK#	SIZE	EACH	25 & UP
107016	2'W x 8'L	$ 42.95	$ 41.95
107017	4'W x 8'L	109.95	105.95

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Premium Greenhouse Benches come with one or two levels, and can easily be connected to run the entire length of a commercial greenhouse.

- Frames are manufactured from 1.25", 14-gauge galvanized structural steel with extruded aluminum 4" side rails and soft, finished corners for attractive appearance and worker safety.
- Durable, economical and efficient for any greenhouse application.
- Assembled with stainless steel fasteners and topped with durable expanded metal.
- For a custom-designed system contact your knowledgeable Greenhouse Specialist.
- Multi-Level Benches create additional space to display plants without increasing the bench's footprint. All Multi-Level Benches come with a 24"W top tier.
- Benches are 32" tall.

STATIONARY PREMIUM GREENHOUSE BENCHES

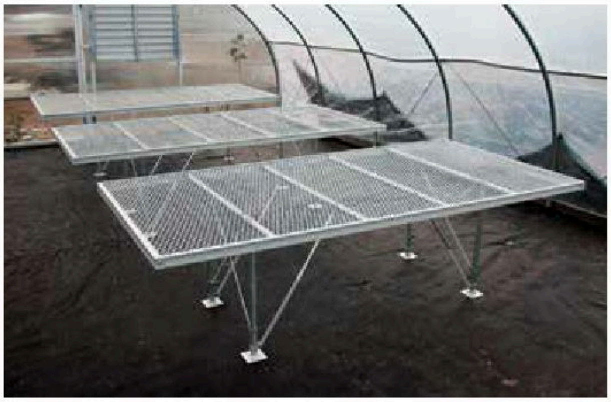
	8'L		10'L		12'L	
WIDTH	STK#	EACH	STK#	EACH	STK#	EACH
2'	112412S2X08	$419.00	112412S2X10	$479.00	112412S2X12	$569.00
4'	112414S4X08	519.00	112414S4X10	629.00	112414S4X12	775.00
5'	112415S5X08	675.00	112415S5X10	759.00	112415S5X12	899.00
6'	112416S6X08	695.00	112416S6X10	785.00	112416S6X12	939.00

MULTI-LEVEL STATIONARY GREENHOUSE BENCHES

	8'L		10'L		12'L	
WIDTH	STK#	EACH	STK#	EACH	STK#	EACH
36"	112413S3X08T22	$845.00	112413S3X10T22	$ 945.00	112413S3X12T22	$1,129.00
48"	112414S4X08T22	859.00	112414S4X10T22	1,019.00	112414S4X12T22	1,229.00

EZ-Grow Professional Greenhouse Bench Kits are the perfect addition to any greenhouse.

- We've teamed up our most popular benches and top panels.
- Lightweight aluminum frames have sturdy legs with 4" x 4" galvanized foot plates.
- 13-gauge expanded metal top panels have diamond openings.
- Hot-dipped, galvanized finish protects the top panels from corrosive environments.
- 1-1/2" x 1" mesh size is ideal for air circulation and water drainage.
- Height: 28-1/4".
- Assembly required.



EZ-GROW BENCH KITS

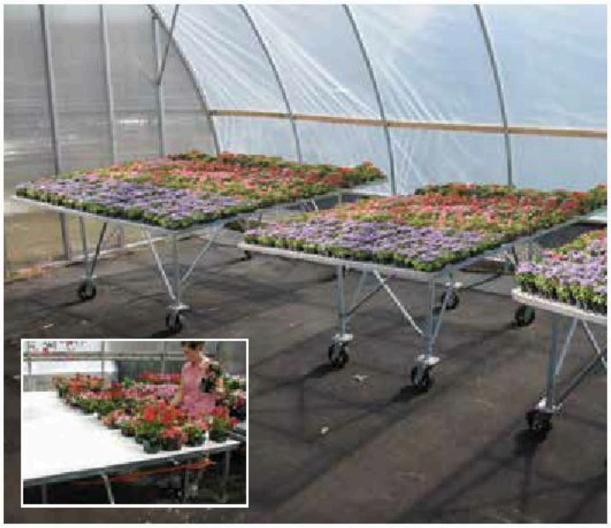
STK#	SIZE	EACH	25 & UP
104250	2'W x 8'L	$259.95	$239.95
104251	4'W x 8'L	339.95	319.95

Bench on Wheels, in your choice of either white PolyMax® or expanded metal top, is ideal for greenhouses, manufacturing facilities, workshops, garages and more.

- Lightweight, extruded aluminum frame.
- 6" Heavy Duty swivel casters allow for easy moving from one work area to the next, saving you time and money.
- Height: 35-3/4", includes casters.
- Assembly required.

Two great bench tops to choose from, depending on your application:

- 13-gauge expanded metal bench top has 1-1/2" x 1" diamond openings that allow for air circulation and water drainage. Hot-dipped, galvanized finish protects from corrosive environments.
- The indestructible white PolyMax® bench top is maintenance-free and weatherproof. Easy to clean, it makes a great addition to your workshop area.



BENCH ON WHEELS

STK#	SIZE	TYPE	EACH	25 & UP
106069	2'W x 8'L	Expanded Metal	$399.95	$379.95
106070	2'W x 8'L	PolyMax®	389.95	369.95
106071	4'W x 8'L	Expanded Metal	489.95	469.95
106072	4'W x 8'L	PolyMax®	469.95	449.95

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

Our Rolling Greenhouse Benches allow you to easily maximize growing space and promote a more organized operation.

- Grow more in the same space. Rolling Greenhouse benches allow operations to improve functionality by creating moveable aisles and allowing operations to quickly change their layout.
- Benches roll with a maximum load of 27 lbs. per sq. ft.
- These benches ensure the utmost durability in any growing environment. The bench frames are constructed from 1.25", 14-gauge galvanized steel and the 4" side rails are made from extruded aluminum.
- Designed with soft, finished corners for an attractive appearance and improved safety.
- Features stainless steel fasteners that are topped with expanded metal.
- 17-1/2" cantilever.
- For custom benches, contact your knowledgeable Greenhouse Specialist.
- Benches are 40.5" (+/- 1.5")to the top.
- Trellis kits are available in matching sizes.
- Custom leveling for sloped ground is available.
- Easy-to-use crank systems are available. These systems allow for benches and trays to be moved and managed with minimal effort. Optional crank kit sold below.

ROLLING GREENHOUSE BENCHES

	18'L		30'L		42'L		54'L		66'L	
WIDTH	STK#	EACH	STK#	EACH	STK#	EACH	STK#	EACH	STK#	EACH
5'	116275R5X18	$1,425.00	116275R5X30	$2,095.00	116275R5X42	$2,809.00	116275R5X54	$3,465.00	116275R5X66	$4,335.00
6'	116276R6X18	1,565.00	116276R6X30	2,289.00	116276R6X42	3,090.00	116276R6X54	3,825.00	116276R6X66	4,769.00

ROLLING GREENHOUSE BENCHES WITH TRAYS

	18'L		30'L		42'L		54'L		66'L	
WIDTH	STK#	EACH	STK#	EACH	STK#	EACH	STK#	EACH	STK#	EACH
5'	116305T5X18	$1,405.00	116305T5X30	$2,129.00	116305T5X42	$2,865.00	116305T5X54	$3,490.00	116305T5X66	$4,305.00
6'	116306T6X18	1,565.00	116306T6X30	2,289.00	116306T6X42	3,090.00	116306T6X54	3,825.00	116306T6X66	4,769.00

ROLLING GREENHOUSE BENCH TRELLISES

	18'L		30'L		42'L		54'L		66'L	
WIDTH	STK#	EACH	STK#	EACH	STK#	EACH	STK#	EACH	STK#	EACH
4'	117524TRL4X18	$335.00	117524TRL4X30	$449.00	117524TRL4X42	$559.00	117524TRL4X54	$675.00	117524TRL4X66	$789.00
5'	117525TRL5X18	359.00	117525TRL5X30	489.00	117525TRL5X42	615.00	117525TRL5X54	745.00	117525TRL5X66	869.00
6'	117526TRL6X18	355.00	117526TRL6X30	485.00	117526TRL6X42	609.00	117526TRL6X54	735.00	117526TRL6X66	859.00

PIER KITS FOR ROLLING BENCHES

18'L		30'L		42'L		54'L		66'L	
STK#	EACH	STK#	EACH	STK#	EACH	STK#	EACH	STK#	EACH
116379P18	$497.00	116379P30	$735.00	116379P42	$975.00	116379P54	$1,390.00	116379P66	$1,635.00

GREENHOUSE BENCH CRANK SYSTEM

STK#	ITEM	EACH
116861	Crank System for Benches Under 40'	$ 94.95
116862	Crank System for Benches Over 40'	157.95

Easily connected for quick expansion, Ebb & Flo trays provide various length options for greenhouse growers.

- End and middle trays are easily interlocked to expand and meet the needs of any greenhouse or grow room.
- Manufactured with durable ABS plastic with built in UV-inhibitors, which minimizes fading and yellowing from grow lights.
- Available in 4', 5' and 6' widths for both end and middle tray options.
- Quick valve feature allows for easy drainage.
- Sump options 117365, 116069 and 116072 feature a lower channel for natural drainage.
- Quickly seal with Ebb & Flo Tray Sealing Compound (116074).
- All of the 5' W trays (116068, 116069, and 116070) are 79" long.
- All of the 6' W trays (116071, 116072, and 116073) are 60" long.

STAAL-PLAST EBB & FLO TRAYS FOR ROLLING TABLETOP PREMIUM BENCHES

STK#	ITEM	EACH
117364	4' W Ebb & Flo End Tray w/o Sump	$ 78.95
117365	4' W Ebb & Flo End Tray w/Sump	78.95
117366	4' W Ebb & Flo Middle Tray	78.95
116068	5' W Ebb & Flo End Tray w/o Sump	119.95
116069	5' W Ebb & Flo End Tray w/Sump	119.95
116070	5' W Ebb & Flo Middle Tray	119.95
116071	6' W Ebb & Flo End Tray w/o Sump	109.95
116072	6' W Ebb & Flo End Tray w/ Sump	109.95
116073	6' W Ebb & Flo Middle Tray	109.95
116074	Ebb & Flo Tray Sealing Compound	14.09
116436	Plastic Filter	6.39

with Sump
without Sump
middle tray

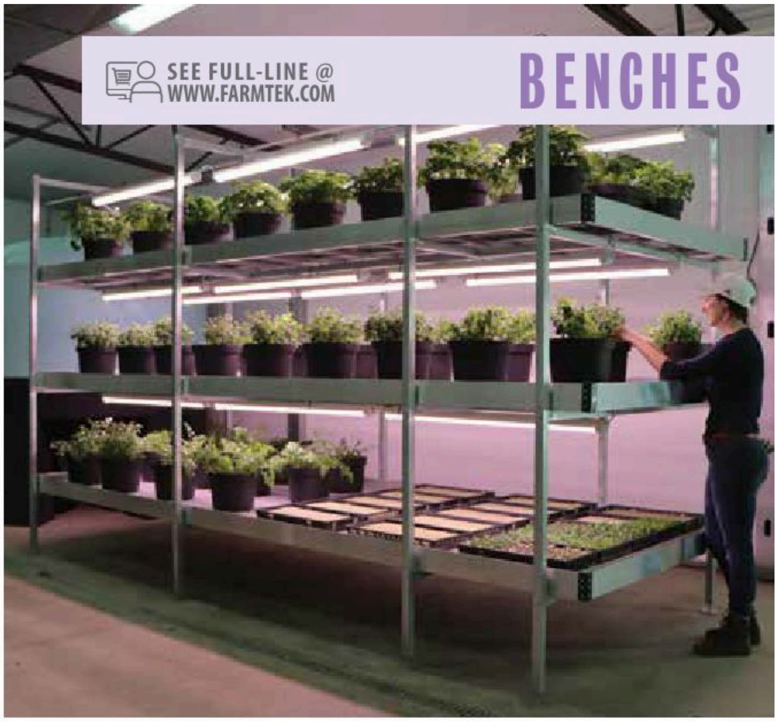
WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

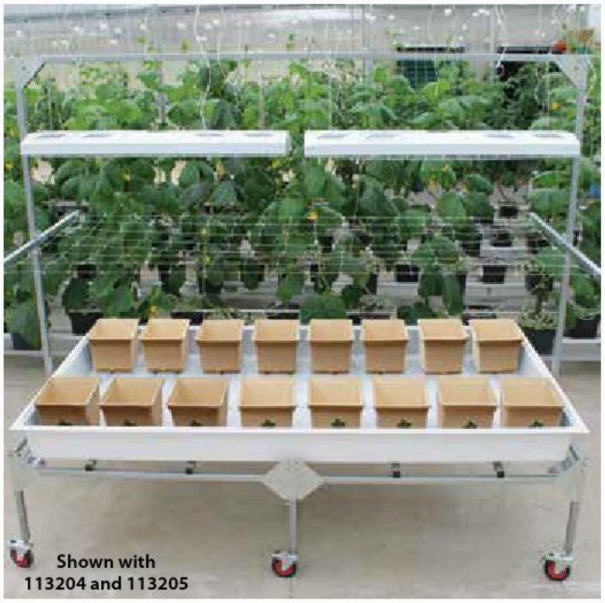
These Three-Tier Greenhouse Benches were designed to facilitate propagation, allowing your crops to get a strong start.

- The Three-Tier Greenhouse Benches come with flood and drain trays.
- Ultra-durable construction allows these benches to withstand any growing environment. The frames are constructed from 1.5", 14-gauge galvanized steel and the 4" side rails are made from extruded aluminum.
- Corners are made from plastic, which eliminates hard, sharp corners and provides a finished appearance.
- Each tier features a continuous tray with a sump end for flood and drain operation.
- There is 25" between tiers, so growers have plenty of room to hang grow lights.
- The benches are 8'-3" tall and come with adjustable leveling feet.

THREE-TIER GREENHOUSE BENCHES

STK#	SIZE	EACH
116541	5'W x 13'L	$ 3,429.00
116542	5'W x 18'L	4,419.00
116543	5'W x 30'L	6,775.00
116544	5'W x 42'L	9,145.00
116545	5'W x 54'L	11,305.00





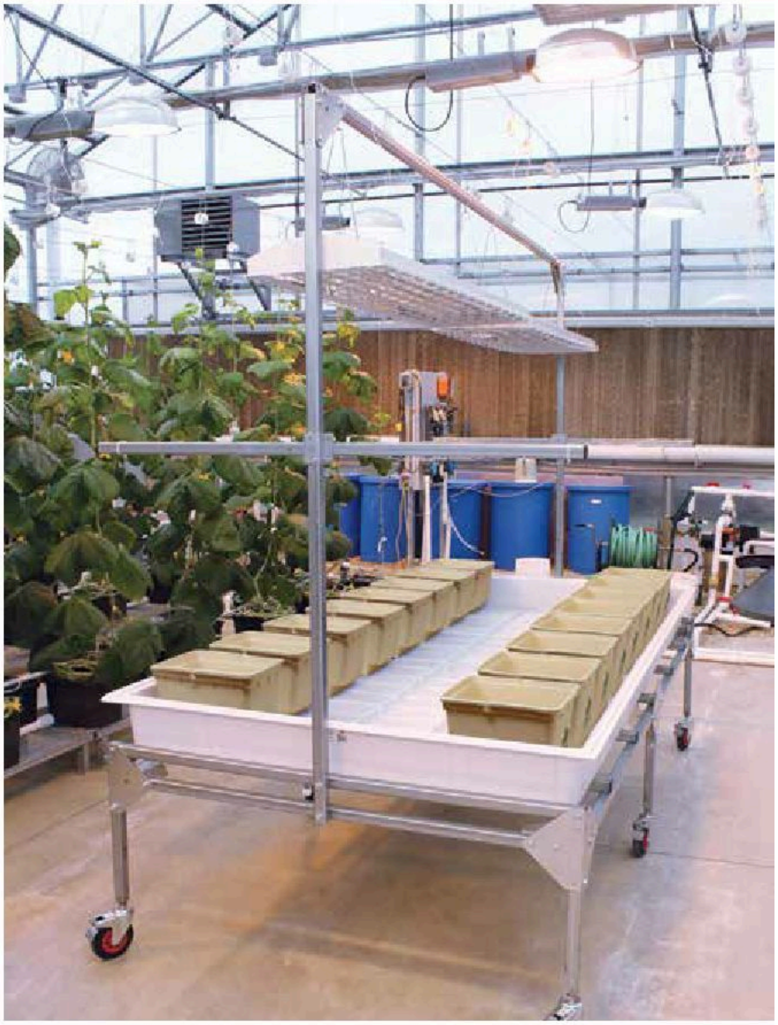
Shown with 113204 and 113205

Get your propagation tray moving. Quickly transport and transplant seedlings and plants, so that you can spend less time preparing and more time growing.

- 48"W x 96"L grow bench and tray on casters allows your propagation tray to glide throughout your growing space.
- The frame is made from corrosion-resistant, galvanized steel tube and is strong enough to hold 1,000 lbs. when stationary or 300 lbs. while moving. Frame can be easily assembled on site.
- To accommodate taller plants and grow lights there is an optional Trellis and Light Bar frame (113205).
- Bulbs sold separately.

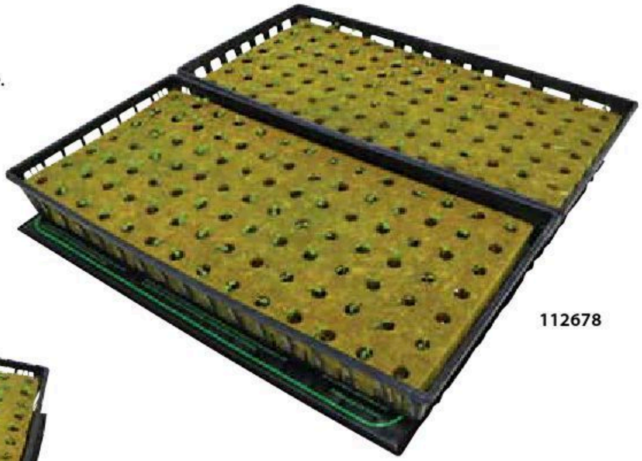
ROLLING BENCH AND TRAY

STK#	ITEM	EACH
113204	48" x 96" Rolling Bench with Tray	$885.00
113205	Rolling Bench Light Bar and Trellis	125.00



Seedling Heat Mat™ makes everyone a better gardener.

- Want faster, healthier, fuller seed germination? The secret's in the mat.
- Waterproof, electric mat warms the root area 10° to 20° over ambient temperature.
- Three sizes, to fit under one, two or four seed flats.
- Includes instructions and 6' power cord.
- Designed to hit 78°F.
- 1 year warranty against manufacturer defects.

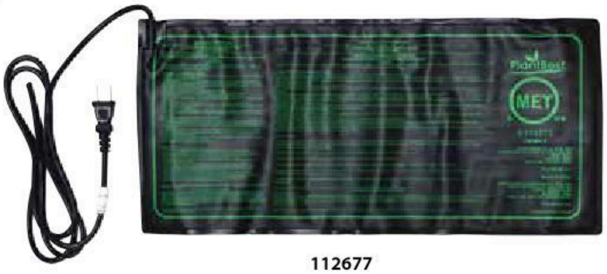


112678

112679

SEEDLING HEAT MATS™

STK#	ITEM	WATTS	FLAT CAPACITY	EACH
112677	9"W x 19.5"L	17	1	$ 31.95
112678	20"W x 20.75"L	45	2	52.95
112679	48"W x 20.75"L	107	4	118.95



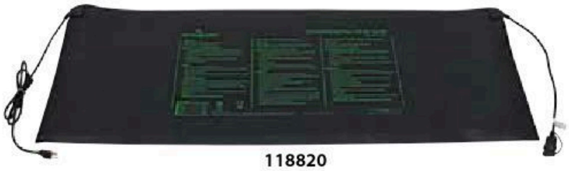
112677

Jump Start Heat Mats are able to provide uniform heating for hundreds of seedlings or cuttings at a time, so you can significantly improve germination and rooting.

- These Heavy Duty, modular commercial heat mats allow seedlings and cuttings to thrive by warming root area 10-20°F over ambient temperature.
- Seedling Heat Mats (118820) can be daisy-chained with up to four modular add-on units (118821) to maximize growing area.
- Propagation Heat Mats (118822) can be daisy-chained up to nine times from primary mat, allowing growers to use just a single power outlet for ten propagation mats.
- All mats employ rugged, durable construction and include waterproof connectors to promote long lifespan.
- For added convenience, instructions are printed directly on mats.
- Plug into Jump Start Digital Temperature Controller (103648) to maintain optimal temperatures for specific crops.

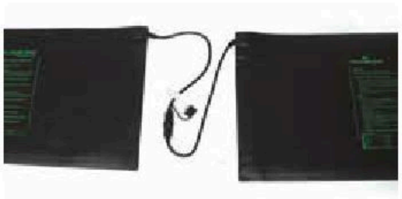
Jump Start Digital Temperature Controller (103648)

- This digital thermostat allows for superior temperature control during germination and is compatible with all Jump Start Heat Mats.
- Digital display and LED mode indicator lights provide precision accuracy and greater ease-of-use.
- Employs water-resistant steel temperature probe.
- Controllable range from 68°F to 108°F.
- Features both Celsius and Fahrenheit read-outs. Press Up or Down button on controller to change.
- Comes with 3-prong grounded plug.
- 120 V. 1,000 W max.



118820

118821



118820 & 118821 Connection

103648

JUMP START HEAT MATS AND TEMPERATURE CONTROLLER

STK#	ITEM	EACH
118820	Seedling Heat Mat 60" x 21"	$155.95
118821	Seedling Heat Mat Modular Add-On 60" x 21"	135.95
118822	Propagation Heat Mat 12" x 48"	45.95
103648	Digital Temperature Controller for Heat Mats	45.95

PROPAGATION MAT

118822

Plug-in heating system gives seedlings a faster, healthier start.

- Complete growing system jump-starts your seeds with gentle, even heat.
- Waterproof, 9"W x 19.5"L seedling heat mat, ensures greater growing success.
- 2-1/2" humidity dome helps maintain climate control for fuller growth.
- Includes 11" x 22" watertight base tray and a 72-cell seedling insert.
- 17 W, 120 V.

HEATED GERMINATION STATION

STK#	EACH	3 & UP
112680	$76.95	$73.95

High-domed, self-heating Hot House grows taller starts.

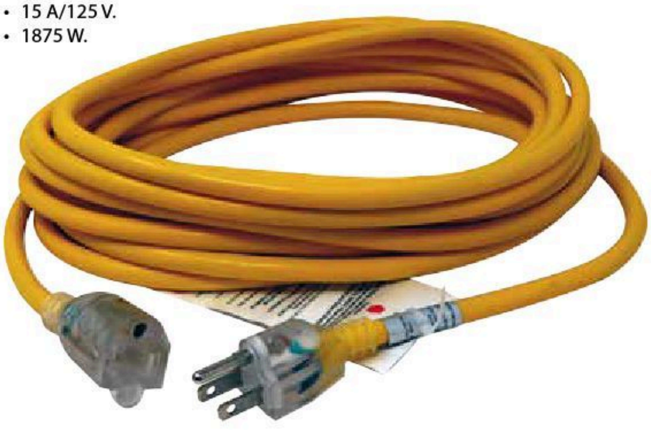
- Complete mini-greenhouse systemis designed for high-growing plants.
- Dual-vented dome is 6-1/2" high to provide plenty of headroom.
- 9"W x 19.5"L seedling heat mat, provides gentle, even warmth and controls humidity.
- Includes 11" x 22" watertight base tray, 72-cell seedling insert and instructions.
- 17 W, 120 V.

HOT HOUSE GROWING SYSTEM

STK#	EACH	3 & UP
112681	$56.95	$54.95

These Heavy Duty extension cords can be used indoors or outdoors and are great for gardening, landscaping or powering household appliances.

- Cords are designed with a flexible vinyl covering that shields them from moisture, abrasion and sunlight.
- Reinforced blades protect prongs from bending or breaking.
- Female end of cords lights up to indicate when power is on.
- Operating temperature range of -40°F to 140°F.
- 5-15P to 5-15R.
- 15 A/125 V.
- 1875 W.



EXTENSION CORDS WITH LIGHTED END

STK#	LENGTH	GAUGE	EACH
117690	25'	14	$22.95
117691	50'	14	34.95
117694	50'	12	49.95
117692	100'	14	67.95
117695	100'	12	89.95

Built-in thermostat automatically activates cables when soil temperature is below 74°F.

- Speeds germination and seedling growth, producing large healthy plants, ready for transplanting.
- Use indoors or out to get a jump start to your growing season.
- Dependable cables are covered with a tough, moisture-proof PVC jacket.
- All connections are sealed and waterproof.
- Available in three lengths. To determine which is best for you, match cable length to square footage of your planter.
- Team up with our Heavy Duty Commercial Cold Frame to create your own hotbed.

SOIL-WARMING CABLES

STK#	LENGTH	WATTS	COLOR	APPROXIMATE COVERAGE	EACH	4 & UP
116429	12'	42	Orange	3 sq. ft.	$40.95	$39.95
116430	24'	84	Orange	6 sq. ft.	47.95	46.95
116431	48'	168	Orange	12 sq. ft.	62.95	60.95

Traditional Round and Square Plastic Pots are stackable for easy storage.

- Perfect for transplants and cuttings. Cross-bottom drainage.
- High-quality construction for maximum root protection.
- Priced per pot. Minimum order: 25 pots.

TRADITIONAL ROUND AND SQUARE POTS

			PRICE PER POT	
STK#	ITEM	COLOR	25-99	100 & UP
111089	3-1/2" Round	Black	$0.36	$0.35
109060A	3-1/2" Square	Black	0.46	0.44
111090	4" Round	Terracotta	0.36	0.35
111068	4-1/3" Round	Black	0.36	0.35
109062A	4-1/3" Square	Black	0.35	0.29
111091	6" Round	Black	0.15	0.13

Nursery and Greenhouse Pots provide excellent drainage with multi-hole star bottom.

- Injection-molded design offers durability for long-term crops, as well as for automatic processing forks; squared-off shoulder provides added strength.
- Rounded lip prevents cuts and trunk damage.
- Bottom design is compatible with many watering systems, including capillary mats, channel irrigation and ebb and flood systems.
- Priced per pot. Minimum order: 25 pots.

NURSERY AND GREENHOUSE POTS

			PRICE PER POT	
STK#	ITEM	DIAMETER	25-99	100 & UP
109632	3-Quart Round Pot	7-1/2"	$0.69	$0.67
109633	1-Gallon Round Pot	8-1/4"	0.89	0.85
109634	2-Gallon Round Pot	10-1/8"	1.49	1.45
109635	2.7-Gallon Round Pot	11-3/8"	2.19	2.09

Save time, money and space with the Press and Fit Pots and Carry Trays.

- Simply stack pots 6 x 3 and press the tray into the pots. The bottoms of the pots stick into the tray, so they can be quickly and easily filled.
- This system can save you up to 70% on the labor of hand filling flats.
- Square footprint allows you to maximize growing and storage space within a greenhouse.
- The pots (113618) are sold by the case, which includes 450 pots, and have a depth of 3.5", a top width of 3.52" and a bottom width of 2.56". The Press and Fit Trays are sold by the case, which comes with 50 trays. They fit 18 pots and are 10.81"W x 21.25"L x 1.93"D.

113618

118686

PRESS AND FIT POTS AND CARRY TRAYS

STK#	ITEM	EACH	4 & UP
113618	Pots	$61.95	$59.95
118686	Carry Trays	72.95	68.95

Our Hanging Baskets hold large soil volumes to ensure less watering.

- 110284-110286, Saucerless baskets include inner disc which creates a water reservoir.
- Available in four sizes, in green or white.
- Hangers are included. 8" and 10" Baskets each have a plastic hanger. 12" Baskets have a galvanized steel hanger. 14" Basket has a Heavy Duty steel hanger.
- Priced per Hanging Basket. Minimum order quantity of 10.

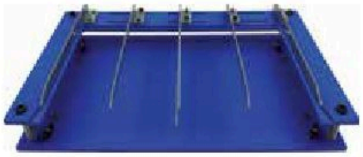
110276
110278
110284
110286

HANGING BASKETS

STK#	ITEM	APPROX. DIMENSIONS	EACH	50 & UP
110276	8" Basket, Green	8"D x 5"H	$2.35	$2.25
110277	8" Basket, White	8"D x 5"H	2.35	2.25
110278	10" Classic, Green	9.75"D x 5.5"H	2.39	2.29
110279	10" Classic, White	9.75"D x 5.5"H	2.39	2.29
110284	12" Saucerless, Green	11.75"D x 7"H	5.19	4.99
110285	12" Saucerless, White	11.75"D x 7"H	5.19	4.99
110286	14" Saucerless, Green	14"D x 8.25"H	9.95	9.55

The POPagation Station™ Plug Popper simplifies the transplanting process by dislodging fully rooted plugs from plug trays, helping you minimize damage and save on time and labor requirements.

- This convenient, portable system allows for greater transplanting efficiency, requires less force than other plug poppers and is easy to store when not in use.
- Two-piece system comprised of spring-actuated stabilizer frame (118246) and customer's choice of base board (118247 & 118248).
- When transplanting, use both handles on system to press top plate down, letting base board pins penetrate drainage holes of plug tray and dislodge plugs.
- Base boards are ideal for use with 128 Cell Plug Tray (113617) and 288 Cell Plug Tray (109045).
- Each base board also functions as dibble board for seeding.
- Materials can be easily sterilized, allowing system to be reused in quick succession.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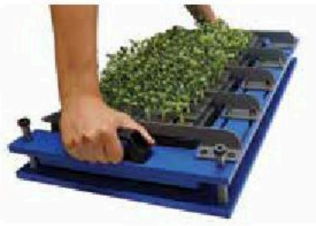
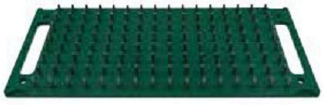



118247

113617
109045

POPAGATION STATION™ PLUG POPPER

STK#	ITEM	EACH	DISCOUNT PRICE
118246	POPagation Station Frame	$715.00	–
113617	128 Cell Plug Tray	2.15	$2.09
118247	128 Cell Base Board	259.00	–
109045	288 Cell Plug Tray	2.15	2.09
118248	288 Cell Base Board	325.00	–

Standard 1020 Flats

- Vacuum-Formed Standard 1020 Open Flats are available with or without holes. These durable flats measure 11"W x 21.37"L x 2.44"D.
- Injection-Molded Standard 1020 Web Flats are available in lightweight and heavyweight and measure 10"W x 20.5"L x 2-3/8"D. Compatible with our Standard Cell Inserts.
- Priced per flat. Minimum order: 10 flats.

109043

109087

109051

109051

STANDARD 1020 FLATS

		PRICE PER FLAT	
STK#	STYLE	EACH	DISCOUNT PRICE
109087	Standard Web Lightweight	$1.29	$1.25 (50 & up)
109086	Standard Web Heavyweight	1.39	1.35 (50 & up)
109051	Standard Without Holes	1.95	1.89 (100 & up)
109043	Standard With Holes	1.95	1.89 (100 & up)

Vacuum-Formed Standard Cell Inserts are compatible with our Standard Open Flats.

- Sheets measure 10.5"W x 20.875"L and are divided into planting cells. Perforated between packs for easy separation and clean edges for easy handling.
- Drainage holes disperse excess water evenly.
- Priced per insert with a minimum order of 10 inserts.

109048

109049

109050

STANDARD CELL INSERTS

	CELLS PER	TOTAL NUMBER		PRICE PER INSERT	
STK#	SHEET	OF CELLS	DEPTH	10-99	100 & UP
109048	6	36	2.32"	$1.25	$1.19
109049	12	48	2.26"	1.25	1.19
109050	12	72	2.23"	1.25	1.19

Compact design allows you to fit more plants in the greenhouse.

- Priced per tray.
- Minimum order: 10 trays.

109046

109044

109045

113617

PLUG TRAYS

	NUMBER OF		PRICE PER TRAY	
STK#	CELLS	DIMENSIONS	EACH	DISCOUNT PRICE
109044	72	11"W x 21.22"L x 2.25"D	$2.05	$1.99 (100 & up)
113617	128	11"W x 21.22"L x 2"D	2.15	2.09 (100 & up)
109045	288	11"W x 21.22"L x 1.5"D	2.15	2.09 (50 & up)
109046	512	11"W x 21.22"L x 1"D	2.15	2.09 (50 & up)

Clear Plastic Humidity Dome is compatible with our Standard Open Flats.

- 2" high dome holds in warmth and moisture while controlling humidity.
- Not compatible with Plug Trays sold above.
- Minimum order: 10 domes.

CLEAR HUMIDITY DOME

	PRICE PER DOME	
STK#	10-49	50 & UP
109047	$3.05	$2.95

These HighTop Humidity Domes feature an adjustable humidity vent.

- Fits standard 1020 propagation trays, sold separately.
- Constructed from high-quality, clear plastic.
- Control humidity with adjustable vent.
- Minimum order: 10 domes.

6" HIGHTOP HUMIDITY DOMES

STK#	EACH
116039	$9.95

This Open Bottom Propagation Tray features strong, durable construction for stacking.

- Fits into standard 1020 open flats, sold separately.
- 78 cells. Cells are square and slightly tapered.
- 100% open bottom.
- Minimum order: 10 trays.

OPEN BOTTOM PROPAGATION TRAY

STK#	EACH
116037	$3.15

100% organic and biodegradable Fertilpots will eliminate transplant shock and maximize root growth.

- Extremely permeable Fertilpots permit roots, water and air to penetrate the walls of the pot for natural root development and successful transplants every time.
- Environmentally friendly Fertilpots contain no additives, chemicals or printing inks.
- Priced per pot, with minimum order quantities and order increments as indicated below.

109829

109830

109831

109832

FERTILPOTS

			PRICE PER POT	
STK#	SIZE	EACH*	CASE QTY	PALLET QTY
109829	2-1/3" Round	$0.20 (100 & up)	$0.19 (3,000)	$0.18 (45,000)
109830	3-1/8" Round	0.22 (137 & up)	0.21 (1,370)	0.20 (20,550)
109831	4" Round	0.40 (162 & up)	0.39 (810)	0.37 (12,150)
109832	3-1/2" Square	0.40 (148 & up)	0.39 (740)	0.37 (8,880)

*Indicates minimum order quantity and order increment.

Promote natural and healthy root growth with 100% organic and biodegradable Fertilpot Strips.

- Designed for faster cultivation, an excellent root system and no transplant shock, Fertilpot Strips are available in a range of sizes.
- Ideal for seedlings and cuttings that can be sensitive to transplant, Fertilpot Strips are completely root, water and air permeable.
- Priced per strip, with minimum order quantities and order increments as indicated below.

109834
109835
109836

FERTILPOT STRIPS

			PRICE PER STRIP	
STK#	SIZE	EACH*	CASE QTY	PALLET QTY
109834	1-1/2" Strip of 36	$1.75 (24 & up)	$1.69 (144)	$1.65 (1,728)
109835	2-1/3" Strip of 18	1.85 (10 & up)	1.79 (111)	1.75 (1,332)
109836	3-1/8" Strip of 12	2.25 (8 & up)	2.19 (64)	2.15 (960)

*Indicates minimum order quantity and order increment.

Horticultural Perlite helps plants thrive and improves soil structure, keeping it workable for years. This inorganic mineral will produce healthier plants that require less labor and watering.

- Perlite provides aeration and drainage, yet retains and holds substantial amounts of water that it releases when needed.
- The water-holding ability of Perlite also increases the nutrient holding capacity when water-soluble fertilizers are used.
- Can be used by itself, mixed with topsoil or potting soil, or any other sterile media for drip or passive hydroponic systems.
- Lightweight Perlite does not crush fine stems or root systems, making it ideal for growing delicate plants such as lettuce.
- Chemically inert, does not deteriorate and has an essentially neutral pH.
- As Perlite is sterile, it is free of disease, weed seeds and insects.
- Nontoxic, safe and economical to use. One 4 cu. ft. bag will fill approximately 64 one-gallon nursery pots or eight of our 11-Liter HydroCycle Dutch Buckets (115683).

HORTICULTURAL GRADE
PERLITE
Perlite Vermiculite Packaging
CONTENTS 4 CU. FT. (113 L)
HORTICULTURAL PERLITE GRADE
☐COARSE ☐MEDIUM

HORTICULTURAL PERLITE, 4 CU. FT. BAG

STK#	EACH
111049	$25.95

Vermiculite allows growers to create a grow media that promotes healthy, profitable crops.

- Super coarse vermiculite improves soil's ability to nourish plants by improving its water retention and aeration.
- Vermiculite is a natural mica mineral that expands under extreme heat.
- Loosens soil, allowing roots to spread and grow.
- A great option for seed germination and cutting propagation.

SUPER COARSE VERMICULITE
VERMICULITE
Perlite Vermiculite Packaging
CONTENTS 4 CU. FT. (113 L)
SUPER COARSE VERMICULITE

SUPER COARSE VERMICULITE, 4 CU. FT. BAG

STK#	EACH
SRF35284	$39.95

Other Brand
Wonder Soil®

Wonder Soil® is an eco-conscious soilless biodegradable potting medium made from renewable coconut coir fiber, worm castings, mycorrhizae, kelp and water-saving polymer crystals. This medium maximizes growing success for both the professional and hobby grower. One truckload of Wonder Soil® is equivalent to 10 truckloads of loose soil!

- Available in a variety of forms and sizes for all gardening applications.
- This dehydrated, compressed medium will expand up to 7 times its volume when water is added.
- Reduces watering and fertilizing costs by up to 50%.
- Produces a soilless medium with a perfect balance of water-to-air ratio.
- Completely safe for use around children and pets.
- Produces stronger seedlings with larger root systems, as well as healthier transplanted and potted crops.
- Reduces soil erosion and compaction.
- Lightweight, easy to use and contains no fillers.

Earth Friendly Wonder Soil® Expanding Wafers:

Designed for smaller pots and seed starter cells, these wafers are formulated to promote faster germination and yield up to 40% more sprouts. Also ideal for boosting the soil of existing plants.

Wonder Soil® Reground:

Made from Wonder Soil® compressed sheets that have been reground into thousands of tiny expanding granules. Compact, lightweight and easy to use. The 5 lb. bag expands to 1-1/3 cu. ft., when water is added. The 25 lb. bag grows to 7 times its size. Reground is ideal for all planting applications and is amazing for rapid lawn repair when mixed with grass seed. Scoop is included. 112654 has shale and azolite added and is ideal for rooftop gardening. Be sure to stir and aerate the soil so it doesn't become oversaturated when adding water.

Wonder Bricks®:

Earth-friendly Wonder Soil® potting mix is compressed into brick forms for larger planting projects. Each brick weighs just over 1 lb., yet expands up to nine times the volume when water is added. Lightweight, compact and easy to use, each brick will expand to fill 2-1/2 one-gallon pots.

112236

109856

109854

109857

THIS 5 lb BAG = 45 lbs OF SOIL
Eco-Conscious
WONDER SOIL
Expanding Potting Mix
JUST ADD WATER - READY TO USE!

109858/112654

117226

WONDER SOIL® EXPANDING WAFERS

STK#	ITEM	IDEAL FOR	EACH	DISCOUNT PRICE	
109856	3/4" Wafer, Bag of 200	Plugs, Trays, Soil Boosting & Seed Starting	$17.95	$17.49 (10-24)	$16.95 (25 & up)
109854	1-3/16" Wafer, Bag of 200	2.5" Pots & Soil Boosting	25.95	25.49 (6-9)	24.95 (10 & up)
112236	2" Wafer, Bag of 50	3" Pots & Raised Gardens	23.95	23.49 (6-9)	22.95 (10 & up)
109857	3" Wafer, Bag of 40	6" Pots & Raised Gardens	35.95	35.49 (5-8)	34.95 (9 & up)

WONDER SOIL® REGROUND

STK#	SIZE	EACH	DISCOUNT PRICE	
109858	5 lbs.	$25.95	$25.49 (145 & up)	$24.95 (288 & up)
112654	25 lbs.	83.95	80.95 (40 & up)	–

WONDER BRICKS

STK#	ITEM	IDEAL FOR	EACH	50 & UP
117226	Brick Plus® Pack of 3	Untrafficked Areas	$19.95	$18.95

WONDER SOIL
BrickPLUS
USE ALONE OR REVITALIZE EXISTING SOIL

117226

Expanding 10 lb. organic Coir Cube grows up to seven times its size, making it ideal for all lawn and garden applications.

- Complete planting mix compressed into cube form.
- Mix includes worm castings, mycorrihzae, nutrients, humus and extra water-saving polymers.
- Ideal for larger projects.
- Expands to over 2-1/2 cubic feet.
- Promotes better aeration and drainage.
- Decreases water usage by up to 50%.

WONDER SOIL
PREMIUM ORGANIC COCO COIR CUBE
USE ALONE OR REVITALIZE EXISTING SOIL

WONDER SOIL
PREMIUM ORGANIC COCO COIR CUBE
USE ALONE OR REVITALIZE EXISTING SOIL

WONDER SOIL® ORGANIC COCO COIR CUBE

STK#	EACH	4(CASE)	200(PALLET)
112530	$21.95	$20.95	$19.95

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

Wonder Soil® Organic Potting Soil Mix is made from sustainable resources and helps you grow indoor and outdoor plants to their full potential.

- This nutrient-packed potting soil mix is capable of providing up to 6 months of nourishment.
- Patented blend of dry compressed coco coir is environmentally friendly and contains nutrient-rich ingredients, like worm castings, mycorrhizae and kelp.
- Suitable for cultivating wide range of plants, including microgreens, houseplants, flowers, herbs, vegetables, fruits and more.
- 3 lb. bag expands up to 3 gal. after adding water.

WONDER SOIL
POTTING SOIL MIX

WONDER SOIL® ORGANIC POTTING SOIL MIX

STK#	EACH
118078	$21.99

Wonder Soil® Starter Pots offer a quick and effortless way to start seeds indoors or outdoors.

WONDER SOIL
Starter Pots

- These biodegradable wrapped wafers are composed of coco coir and formulated with nutrients needed to cultivate thicker and healthier plants.
- Starter pots significantly reduce root harm when transferring plants to soil or larger pots.
- For best results, incorporate water and let wafers expand, then plant desired seeds.
- Tube includes 20 starter pots.

WONDER SOIL® STARTER POTS

STK#	EACH
118080	$14.99

Wonder Soil® Cactus And Succulent Mix features a unique blend of coco coir and organic nutrients that create the perfect environment for your cacti and succulents.

- This ready-to-use soil provides optimal aeration, drainage and absorption of vital nutrients, helping plants reach full potential.
- 3 lb. bag of mix expands up to five times its original size with addition of water, offering 12 quarts of usable soil.
- Soil mix is made from sustainable resources and feeds plants for up to 6 months.

WONDER SOIL
Premium
Cactus & Succulent Mix

WONDER SOIL® CACTUS AND SUCCULENT MIX

STK#	EACH
118079	$34.99

The Wonder Soil® Reusable Sprout House allows you to grow nutrient-rich microgreens, vegetables and more at home year-round.

- Easy-to-use indoor seed starter kit includes 12 coco coir cups, 24 nutrient-rich expanding wafers and grower's choice of seeds.
- Sprout house is completely reusable and promotes fast germination, allowing large quantities of seeds to be grown quickly.
- Simply add water and let wafers expand in cups, then plant desired seeds.
- As seeds grow, roots come through bottom of cups and can be transplanted directly into ground or larger pots, without transplant shock.

WONDER SOIL
SPROUT HOUSE

WONDER SOIL® REUSABLE SPROUT HOUSE

STK#	SEED TYPE	EACH
118082A	Cucumber	$24.99
118082B	Fennel	24.99
118082C	Watermelon	24.99
118082D	Cilantro, Basil, Dill, Parsley and Mustard	24.99
118082E	Arugula, Kale, Basil and Parsley	24.99

Help your plants grow strong and healthy in even the most challenging environments with the Wonder Soil® Booster And City Soil Combo.

- This duo is ideal for use in urban gardens and is great for seed-starting, producing indoor or outdoor plants, microgreens, flowers, vegetables, fruits and more.
- City soil is nutrient-dense growing medium with exceptional water drainage and moisture retention that sustains plant growth for up to 6 months.
- Combination of dry compressed coco coir and amendments, like worm castings, mycorrhizae, kelp and polymers, offer up to 50% savings in water, fertilizer and seeds.
- Booster supplies readily available nutrients to facilitate optimal growth and development.

WONDER SOIL
The Booster
EXPANDING
WONDER SOIL
City Soil

WONDER SOIL® BOOSTER AND CITY SOIL COMBO

STK#	EACH
118083	$21.99

The SUSTEE Moisture Meter helps prevent over or underwatering by letting you easily monitor moisture levels.

- Sleek and minimal meter uses simple color scale to let growers know when plants need to be watered.
- Stick meter into soil at base of potted plant. Color in meter will change from white to blue within 20 to 30 minutes after watering.
- Blue color specifies that soil has enough water. White color indicates soil is in need of watering.
- Meter is compatible with potting mix, barkdust, peat moss and semi-hydroponic setups.
- Available in small, medium or large to accommodate pots of various sizes.
- For best results, replace core of meter every 6 to 9 months.
- Moisture Meter Core Refills (118227, 118228 & 118229) are easy to replace, made with 100% natural fibers and are fully biodegradable.
- Core refills come in packs of 2 and are available in small, medium or large sizes.

118226

118229

SUSTEE MOISTURE METERS AND REFILL KITS

STK#	ITEM	SIZE	EACH
118224	Moisture Meter	Small	$5.95
118225	Moisture Meter	Medium	6.95
118226	Moisture Meter	Large	7.95
118227	Moisture Meter Core Refill	Small	7.95
118228	Moisture Meter Core Refill	Medium	8.95
118229	Moisture Meter Core Refill	Large	9.95

Monitor and test conditions of your soil with simplicity of use and accuracy.

rapitest digital Soil pH Meter
rapitest digital Moisture Meter

117602

117604

Easy to read digital output measures soil pH instantly (117602).

- Instantly measures acidity or alkalinity level.
- Includes printed plant list.
- Product specifically designed to be used only in soil.
- Digital results from 3.5 to 9.0. Instructions and plant pH preference list included.

Instantly measure moisture in soil (117604).

- Monitors soil moisture at root level to prevent over and under watering.
- Easy to read digital output.
- Includes printed plant list.
- Designed and engineered in the USA.
- Product specifically designed to be used only in soil.

DIGITAL SOIL PH METER

STK#	EACH
117602	$18.99

DIGITAL MOISTURE METER

STK#	EACH
117604	$14.95

⚠ **WARNING:** Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Monitor and maintain optimum conditions for your plants, flowers and vegetables.

Determines soil pH and fertility levels (103397).

- Fast results. Each test takes just one minute.
- Requires one AA battery, not included.

Take the guesswork out of gardening (103398).

- Easy-to-read dial, great for indoors and outdoors.
- Includes recommended pH ranges for over 350 plants.
- Allows you to alter your soil conditions immediately.

Grow healthy and thriving plants by maintaining correct soil moisture (103399).

- Instantly tells you moisture levels where it matters the most, at the roots.
- Helps prevent over/under watering.

ELECTRONIC SOIL TESTER

STK#	EACH
103397	$26.99

SOIL PH METER

STK#	EACH
103398	$23.99

MOISTURE METER

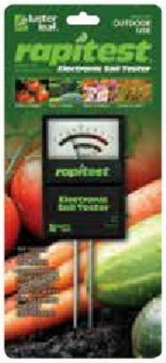
STK#	EACH
103399	$18.99

LIGHT AND MOISTURE METER

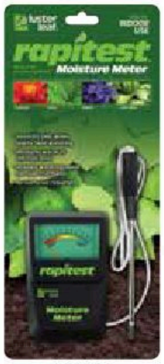
STK#	EACH
112522	$25.59

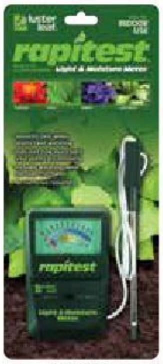
Maintain ideal environment for plants by monitoring light and moisture levels (112522).

- Instantly tells you moisture levels where it matters most, at the roots.
- Helps prevent over/under watering.
- Includes recommended water levels for over 150 plants.
- No batteries required.


103397

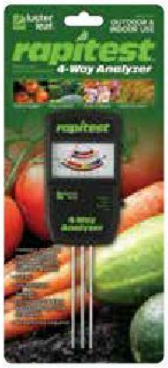
103398


103399


112522

One meter measures sunlight, soil pH and soil fertility.

- Compact and easy to use.
- No batteries required.
- Measurements based upon the U.S. Department of Agriculture standards.



4-WAY ANALYZER METER

STK#	EACH
105067	$36.95

Checktemp® Soil Thermometer with Stainless Steel Probe.

- Highly accurate thermometer is equipped with a unique calibration device which allows the user the security of knowing the instrument is calibrated accurately.
- The Checktemp® offers better accuracy than glass thermometers and features a large LCD and stainless steel 105 mm/4.13" probe.
- Temperature Range: -58˚F to 302˚F (-50˚C to 150˚C).
- Comes with penetration probe, protective cap, one 1.5 V battery and instructions.

CHECKTEMP® SOIL THERMOMETER WITH STAINLESS STEEL PROBE

STK#	EACH
107665	$74.95

Easy-to-use design with rugged construction to create the perfect portable light meter, especially in the field.

- The meter, which features an LCD screen, is attached to a light sensor via a 1.5 meter cable that ensures you never interfere with measurements.
- Housed in a durable, water-resistant body, making it ideal for use outdoors.
- Three different kilolux range options allow you to choose the best resolution (0.0001 to 199.9) for the environment being tested.
- Runs on a 9V battery that provides 200 hours of operation.
- Accuracy: +/- 6 percent of reading +/- 2 digits.

HI 97500 PORTABLE LUX METER

STK#	EACH
113900	$225.95

Solutions and Cleaners for Soil Testers

- Please see Reference Guide for the proper solution for your tester.
- pH Electrode Storage Solution comes in 60 cc container.
- TDS Calibration Solution in 90 ml bottle.
- Cleaning Solution for pH Testers comes in 500 ml container.

112503

112506

107673

SOLUTIONS AND CLEANERS

STK#	ITEM	EACH
112506	pH Electrode Storage Solution	$ 9.29
107673	Cleaning Solution for PH Testers	27.95
112503	1,000 ppm NaCl TDS Calibration Solution	10.49

Quick, at-home results for soil pH, nitrogen, phosphorus and potash

- Innovative and inexpensive soil test kit features an easy-to-use capsule system and patented color comparators.
- Contains all components needed for 40 tests. 10 for each of pH, N, P and K.
- Simple, detailed instructions included. Great for beginners and experienced gardeners alike.
- Soil pH preference list for over 450 plants included.

RAPID TEST KIT FOR SOIL

STK#	EACH
117603	$16.95

Ideal for the home gardener, professionals, in the classroom or in the field.

- Contains liquids and equipment to conduct 40 tests. Ten tests each for pH, Nitrogen, Phosphorus and Potash content.
- Includes complete instructions and recommendations to amend soil, based upon test findings.
- Packaged in durable, plastic carrying case.

SOIL TESTING KIT

STK#	EACH
105068	$29.99

100% natural clay pebbles are clean, pH stable and offer greater aeration and drainage in a variety hydroponic applications.

- Ideal for deep water culture and drip feed systems.
- Able to cover large surface areas.
- Creates ideal environment for healthy bacterial growth around root zones, leading to healthier plants.
- 40-liter bag.

CLAY PEBBLES

STK#	EACH	10 & UP
112933	$48.95	$46.95

PLANT!T
Clay Pebbles

Jiffy-7C Coir Pellets provide superior aeration and water retention.

Jiffy-7C Coir Pellets are made from 100% coco substrate that is purified and stabilized, are peat free and provide a superior, aerated rooting media. Wrapped within a biodegradable containment material, Jiffy-7C is based on the proven theory of "container and media in one." Stringent quality control guarantees that the physical and chemical properties of the coco substrate provide an optimum rooting environment. Jiffy-7C Pellets proudly carry the RHP certification, "Certified for Horticulture." Sold in bulk packaged quantities of 100. Priced per pellet.

Jiffy®

110000

110001

JIFFY-7C COIR PELLETS

STK#	SIZE	EACH	1,000 & UP
110000	0.984"/25 mm	$0.15	$0.14
110001	1.181"/30 mm	0.16	0.15

Grow Bags are a low-cost alternative to plastic pots.

- Manufactured from virgin polyethylene material, with three-layer, co-extruded construction for strength, durability and long lasting use.
- Prepunched with drain holes, these bags stand up easily when filled with growing media. We recommend our Wonder Soil® and Grodan Delta Gro-Blocks™ all sold separately.
- Ideal for use with drip irrigation systems. Excellent for tomatoes, peppers, tree seedlings, bedding plants and more.
- Available in four convenient sizes. Color: Black.
- Minimum order quantity: 20.

GROW BAGS

STK#	CAPACITY	THICKNESS	EACH	500 & UP
118654	1 Gallons	2.6 mil	$0.32	$0.29
109863	3 Gallons	2.6 mil	0.36	0.35
109864	5 Gallons	3.2 mil	0.57	0.55
109865	7 Gallons	4.3 mil	0.67	0.65

BioStrate™ Rolls create an optimal growing environment for hydroponic microgreen production, absorbing and retaining water to allow for dense, healthy root development.

- These lightweight, biobased textiles are easy to use and ideal for producing microgreens, salad greens and wheatgrass.
- The felt's unique blend of biopolymers and natural fibers helps it manage water more efficiently for superior growth in a variety of hydroponic systems.
- Material comes ready to plant with no pretreatment required and maintains its structural integrity for the entire crop cycle.
- To use, simply moisten felt with mist or quick water bath, then let excess water drain and sprinkle seeds to desired density.
- Although rolls are compostable, they won't clog filters.
- USDA Certified Biobased Product.

BIOSTRATE™ ROLLS

STK#	SIZE	EACH
118756	4" x 250'	$ 59.95
118757	9" x 250'	126.95

NEW Grodan Rockwool Plug Sheets help simplify the germination process and provide a high success rate, so you can achieve fast, uniform plant development.

- Suitable for a wide range of plants, these plugs are effective when growing everything from tomatoes to lettuce, flowers, aquatic plants and more.
- Grodan plugs have a highly uniform fibre structure and firmness, guaranteeing excellent distribution of water and nutrients and an optimum air to water ratio.
- Pre-drilled holes ensure that each seed remains in center of plug for balanced, uniform distribution of roots.
- Sheets are available in either AO (111386 & 116426) or AX Plugs (118775).
- AO Plugs are connected at top and tapered towards bottom. Recommended for use in a raft system, as the tapered base makes it easier to fit into the raft faster.
- AX Plugs are connected at bottom and tapered towards top. Recommended for use in an NFT system, as the wider base gives plugs more stability in gutter.

GRODAN ROCKWOOL PLUG SHEETS

STK#	ITEM	PLUGS PER SHEET	PLUG SIZE	EACH	30-479	480 & UP
111386	Grodan AO 36/40	98	1-1/2" x 1-1/2"	$10.95	$10.49	$ 9.95
116426	Grodan AO 25/40	200	1" x 1"	11.49	10.95	10.49
118775	Grodan AX 25/40	200	1" x 1"	11.95	11.49	10.95

Achieve an optimum balance of oxygen to nutrients with Grodan Delta Gro-Blocks™ for rapid plant growth.

- Manufactured from rockwool substrate, these Gro-Blocks™ are completely sterile, lightweight and easy to use. Unique hydrophilic fiber makes crop production easy to control by allowing efficient use of water and nutrients.
- Ideal for direct sowing of our Grodan A-OK Starter Plugs, sold separately. When seedling roots coming out of plugs are 1" long, simply place plug in Gro-Block™ hole.
- Delta 4 Blocks are ideal for use with small plants, such as strawberries and peppers. Sold in strips of 8 blocks.
- Delta 6 Blocks are great for growing large fruiting crops, such as tomatoes and cucumbers. Sold in strips of 6 blocks.
- Perfect for use in ebb and flow, Dutch bucket and drip hydroponic systems.
- Priced per strip.

GRODAN DELTA GRO-BLOCKS™

STK#	ITEM	BLOCK DIMENSIONS	EACH	DISCOUNT PRICE	
111387	Delta 4 Block w/Hole, Strip of 8	3" x 3" x 2.5"	$6.45	$6.19 (48-719)	$5.95 (720 & up)
111388	Delta 6 Block w/Hole, Strip of 6	4" x 4" x 2.5"	5.55	5.35 (36-539)	5.15 (540 & up)

Jiffy® Easy Fill Growbags offer an effective, easy-to-use solution for growers in need of a container system with increased height.

- These convenient grow bags feature foldable top, which opens to create deeper container that supports enhanced root development.
- After adding water and nutrient solution, bags expand and are ready to be planted with any young crop.
- Ideal water-to-air ratio promotes higher yields and up to 90% water savings, while also helping to prevent diseases.
- Grow bags employ coco substrate made from 30/70 mixture of coir pith and husk chips.
- Substrate offers pH value between 5.5 and 6.5.

JIFFY® EASY FILL GROWBAGS

STK#	SIZE	EACH
118044	5"W x 1"H x 9.5"L	$1.65
118043	7.5"W x 2.3"H x 7.5"L	2.95

Heavy Duty Net Pots provide even drainage and excellent air circulation around roots for healthier plants.

109730
109299

- Plant roots grow through the mesh of Net Pots, allowing more oxygen to reach the root zone which promotes healthier, bigger roots.
- Pots can be used with any of our growing media.
- Manufactured from injection-molded polypropylene.
- Priced per pot. Minimum order quantity of 10.
- 2" pots do not have a lip.

NET POTS

			PRICE PER POT		
STK#	DIAMETER	HEIGHT	10-499	500 & UP	CASE QTY
109299	2"	2"	$0.30	$0.29	$0.28 (4,250)
109917	3"	2-5/8"	0.50	0.48	0.47 (1,400)
109729	5"	4"	1.35	1.29	1.25 (960)
109730	6"	4 -1/2"	1.55	1.49	1.45 (810)

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

NEW The Jiffy® Finesse Growbag is filled with 100% coco substrate and requires no buffering, mixing or additives, making it simple to start growing.

- After rapid expansion with water and fertilizer solution, this high-quality grow bag can be used to produce wide range of crops.
- Comes as dry plate enclosed in plastic sleeve with no pre-cut holes, allowing for total control over plant spacing.
- Unbeatable rooting characteristics help young crops get healthy start.
- Substrate is made from 30/70 mixture of coir pith and husk chips.
- Offers pH value between 5.5 and 6.5.

JIFFY® FINESSE GROWBAGS

STK#	SIZE	EACH
118866	8"W x 1"H x 39"L	$5.49
118019	8"W x 2"H x 39"L	6.49

Grodan Macroplugs allow starts to get the perfect water to air ratio.

- These plugs are made from stone wool, and the fibrous structure allows plants to anchor, while also ensuring they get plenty of air and water.
- Plugs are round and have a diameter of 1.5".
- Slit for easily placing starts.
- 50 plugs in each bag.

GRODAN MACROPLUGS

STK#	EACH
116038	$19.49

Soil Moist™ NitroGreen organic fertilizer supplies your plants with high levels of nitrogen to support healthier, more robust growth.

- 100% organic and completely water-soluble.
- Dissolves quickly into solution for immediate nutrient delivery.
- OMRI approved.
- Plant-based ingredients will not burn plants.

Soil Moist
NITROGREEN
Water-Soluble Organic Fertilizer
13-0-0
High Nitrogen for Plant Growth
100% Organic
For all Plants & Vegetables

117654

NITROGREEN

117655

SOIL MOIST™ NITROGREEN

STK#	SIZE	EACH
117654	14 oz.	$ 14.95
117655	30 lbs.	295.95

Soil Moist™ E-Z Root triggers root growth and helps sustain healthy roots in cuttings and transplants.

- Rooting compound contains naturally occurring bacteria and organic based fertilizer that improve soil conditions and increase root and plant growth.
- Can be used with both rooted and unrooted cuttings.
- Ideal for all plants, flowers, vegetables and trees.

The Best Way To Grow On Earth
Soil Moist
0-0.5-0.5
E-Z ROOT
Rooting Compound

117658

The Best Way To Grow On Earth
Soil Moist
0-0.5-0.5
E-Z ROOT
Rooting Compound

117660

SOIL MOIST™ E-Z ROOT

STK#	SIZE	EACH
117658	2 oz.	$ 8.95
117659	8 oz.	33.95
117660	28 oz.	115.95

Soil Moist™ Plant Thrive enhances soil conditions and helps supply plants with a healthier growing environment.

- Encourages vigorous root growth, strong plant establishment and increased resistance to plant and environmental stress.
- Contains beneficial bacteria and fungi that improve soil ecosystem.
- Ideal for all plants, vegetables, flowers and trees.
- Easy to apply.

Soil Moist
Plant Thrive
Improves Soil Conditions for Plant Growth
Beneficial Bacteria
Improves Plant Establishment
May Increase Nutrient Uptake
For Plants, Flowers, Vegetables & Trees

117656

Soil Moist
Plant Thrive
Improves Soil Conditions for Plant Growth
Beneficial Bacteria
Improves Plant Establishment
May Increase Nutrient Uptake
For Plants, Flowers, Vegetables & Trees
OMRI

117657

SOIL MOIST™ PLANT THRIVE

STK#	SIZE	EACH
117656	3 oz.	$ 12.95
117657	28 oz.	112.95

Soil Moist™ Fines mix with water to form a gel that adheres to plant roots and keeps them moist prior to planting.

- Highly absorbent polymer reduces irrigation frequency and transplanting shock.
- For best results, mix one pound of Soil Moist™ Fines with 20 to 40 gallons of water and let stand for 15 minutes.
- The longer the gel is allowed to stand, the better it will adhere to roots. Dip the plant or tree immediately before planting.
- One pound treats approximately 12,000 to 19,200 seedlings.

Soil Moist
Fines
Root Dip Mix/Packing Media
Reduces Plant Waterings

117662

Soil Moist
Professional Fines

117666

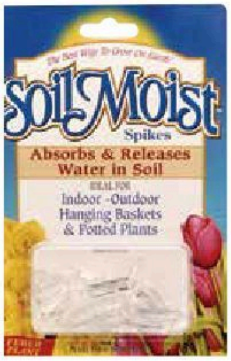
SOIL MOIST™ FINES

STK#	SIZE	EACH
117662	1 lb.	$ 13.95
117663	3 lbs.	32.95
117666	8 lbs.	87.95
117664	40 lbs.	375.95

Soil Moist™ products help simplify irrigation and improve soil quality to create a growing environment plants can thrive in.

Soil Moist™ Clear Spikes (117651)

- These spikes are placed beneath the soil's surface and absorb and release water as needed.
- Reduces plant waterings and increases plant establishment.
- Ideal for indoor or outdoor hanging baskets and potted plants.


The Best Way To Grow On Earth
Soil Moist
Spikes
Absorbs & Releases Water in Soil
IDEAL FOR
Indoor -Outdoor Hanging Baskets & Potted Plants
FEWER PLANT

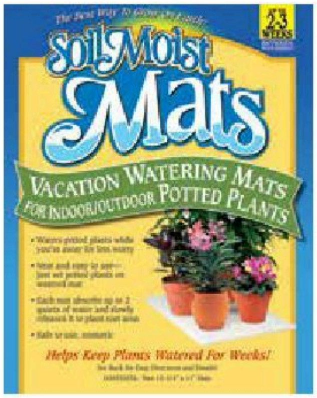
117651

SOIL MOIST™ CLEAR SPIKES

STK#	EACH
117651	$3.19

Soil Moist™ Vacation Mats (117652)

- These mats line the bottom of plant containers and store excess moisture during watering. Ideal for use with indoor or outdoor potted plants.
- Each mat absorbs up to 2 quarts of water and slowly releases it to the plant root area as soil begins to dry.
- Non-toxic and safe to use.
- 15-3/4" x 11".
- Two mats per pack.


The Best Way To Grow On Earth
2-3 WEEKS
Soil Moist
Mats
VACATION WATERING MATS
FOR INDOOR/OUTDOOR POTTED PLANTS
Helps Keep Plants Watered For Weeks!

117652

SOIL MOIST™ VACATION MATS

STK#	EACH
117652	$5.19

Soil Moist™ Mats (117653)

- These mats store excess moisture during watering and release a steady supply as soil begins to dry. Ideal for hanging baskets, planters and containers.
- Mats store over 200 times their weight in tap water.
- Non-toxic and safe to use.
- 7" x 7". Can be used for containers up to 15-20".
- 250 mats per pack.

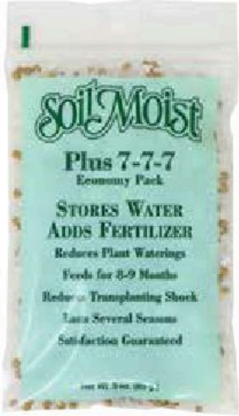
117653

SOIL MOIST™ MATS

STK#	EACH
117653	$134.95

Soil Moist™ Plus 7-7-7 (117661)

- These potassium based polymers store excess water and increase soil aeration.
- Feeds a timed release 7-7-7 fertilizer for 8 to 9 months.
- Reduces transplanting shock and plant stress due to lack of available weather.
- Cost-effective spikes last several seasons.
- Available in 3 oz. bag.


Soil Moist
Plus 7-7-7
Economy Pack
STORES WATER
ADDS FERTILIZER
Reduces Plant Waterings
Feeds for 8-9 Months
Reduces Transplanting Shock
Lasts Several Seasons
Satisfaction Guaranteed

117661

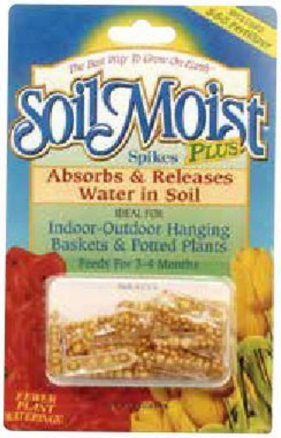
SOIL MOIST™ PLUS 7-7-7

STK#	EACH
117661	$1.95

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

Soil Moist™ Plus 5-5-5 (117665)

- Water-storing polymers are placed in soil to decrease irrigation frequency by up to 50% and help reduce plant stress.
- Feeds a timed release 5-5-5 fertilizer for 3 to 4 months. Spikes reduce watering for an additional 2-3 years.
- Ideal for indoor or outdoor hanging baskets and potted plants.
- Number of spikes needed depends on size of basket or pot.


Includes 5-5-5 Fertilizer
The Best Way To Grow On Earth
Soil Moist
Spikes PLUS
Absorbs & Releases Water in Soil
IDEAL FOR
Indoor-Outdoor Hanging Baskets & Potted Plants
Feeds For 3-4 Months
FEWER PLANT WATERINGS

117665

SOIL MOIST™ PLUS 5-5-5

STK#	EACH
117665	$2.95

Soil Moist™ Granules (117667)

- Polymers are incorporated into the soil at root level and store excess water, releasing it steadily as soil dries.
- Reduces irrigation frequency by up to 50%.
- Ideal for planting or transplanting trees, shrubs and more.
- Effective in soil for 3 to 5 years.
- Each 3 oz. package treats up to a 1" caliper tree.

The Best Way To Grow On Earth
Soil Moist
Granules
Reduces Plant Waterings!
Absorbs & Releases Water in Soil
Ideal for Indoor or Outdoor Use
NOT A PLANT FOOD NUTRIENT

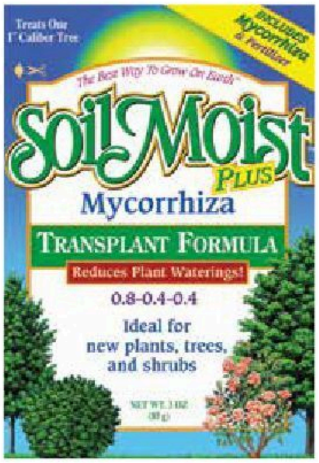
117667

SOIL MOIST™ GRANULES

STK#	EACH
117667	$3.79

Soil Moist™ Transplant Plus 3-3-3 (117668)

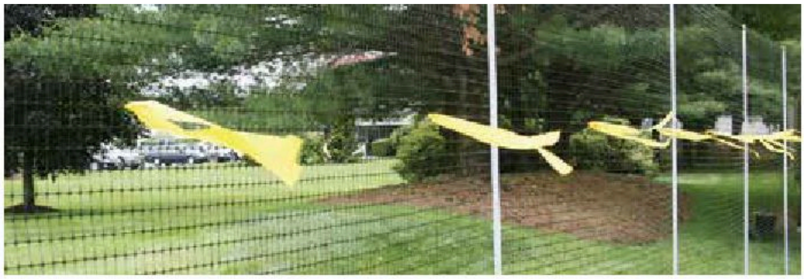
- Inoculates transplanted trees, shrubs and plants during planting time.
- Blend includes beneficial bacteria and fungi that improve the soil ecosystem and increase nutrient and water uptake.
- Contains an 8 to 9 month timed release 3-3-3 fertilizer.
- Each 3 oz. package treats up to a 1"caliper tree.


Treats One 1" Caliber Tree
INCLUDES Mycorrhiza & Fertilizer
The Best Way To Grow On Earth
Soil Moist
PLUS
Mycorrhiza
TRANSPLANT FORMULA
Reduces Plant Waterings!
0.8-0.4-0.4
Ideal for new plants, trees, and shrubs
NET WT. 3 OZ (85 g)

117668

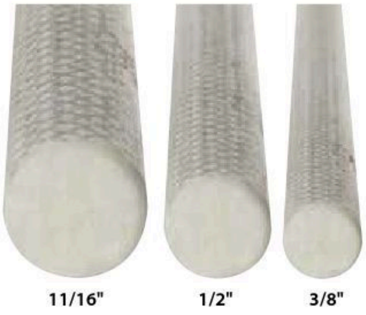
SOIL MOIST™ TRANSPLANT PLUS 3-3-3

STK#	EACH
117668	$3.95



High-quality Fiberglass Tree Stakes are designed for long life. Promote strong trunks and large root systems and reduce storm damage.

- Made from E-glass fibers that allow for flexing without breaking.
- Each fiber is UV protected on both interior and exterior.
- Polyester veil holds fibers together to prevent blooming, while providing additional UV protection by shading the fibers within the stake.
- Flexible as bamboo, but will not rot or fray. Strong and durable as steel, but will not rust.
- Sold in bulk-packaged quantities as indicated. Priced per stake.



FIBERGLASS TREE STAKES

		QUANTITY	PRICE PER STAKE	
STK#	SIZE	PER BUNDLE	EACH	25 BUNDLES & UP
109107	3/8" x 6'	50	$2.55	$2.45
109108	3/8" x 8'	50	2.75	2.65
109103	1/2" x 6'	20	3.89	3.75
109104	1/2" x 8'	20	3.95	3.89
109113	11/16" x 6'	10	6.45	6.39
109114	11/16" x 8'	10	8.59	8.29

Ideal for flowering plants, climbing vines and vegetables such as tomatoes, peppers and beans.

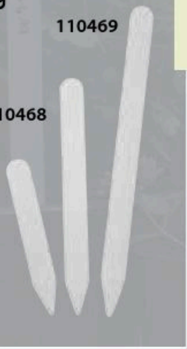
- High-quality, galvanized wire is spot welded for extra strength and long-lasting use.
- Strong enough to support your full-grown tomato plants.
- Large openings make it easy to reach in and pick your vegetables.
- Priced per plant support.

TOMATO PLANT SUPPORTS

				PRICE PER PLANT SUPPORT	
STK#	STYLE	SIZE	WIRE GAUGE	EACH	50 & UP
112067	Round	12"W x 12"L x 33"H	11	$1.80	$1.75
117056	Round	12"W x 12"L x 42"H	11	4.95	4.75
112070	Round	16"W x 16"L x 54"H	9	6.59	6.35

Easily identify plantings in seedling trays and bedding flats.

- 5/8"W white labels are available in three lengths.
- Manufactured from recycled styrene.
- Sold in cases of 1,000 labels.



PLASTIC BEDDING LABELS

STK#	ITEM	EACH	4 & UP
110467	4"	$30.95	$29.95
110468	6"	41.95	37.95
110469	8"	53.95	51.95

Environmentally friendly Garden Stakes are ideal for marking garden rows.

- Available in Natural Wood or Orange-Coated for higher visibility and longer life. Orange coating is waterborne and nontoxic.
- Biodegradable stakes measure 1-1/8"W x 12"L.
- Sold in cases of 250 stakes.

WOOD GARDEN STAKES

STK#	ITEM	EACH	4 & UP
110475	Natural Wood	$79.95	$75.95
110476	Orange-Coated	79.95	75.95

110475

110476

Easily identify trees and shrubs with wraparound Tree Tags.

- Manufactured from white vinyl.
- Dimensions: 5/8"W x 7"L.
- Sold in cases of 1,000 tags.

WHITE VINYL TREE TAGS

STK#	EACH	4 & UP
110480	$36.95	$35.95

Perfect long-term solution for marking plant varieties, garden rows, sections and more.

- 10" tall labels have metal support legs and are available with either zinc or copper writing surfaces.
- Face plates measure 2.5"W x 7/8"H.
- Best if marked with our Garden Marker Pen (110472), sold separately.
- Sold in cases of 120 labels.

METAL GARDEN LABELS

STK#	ITEM	EACH	4 & UP
110474	Zinc	$61.95	$59.95
110473	Copper	78.95	75.95

110474

110473

Don't let the sun fade your garden markings.

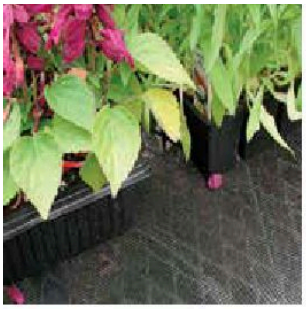
- Fade- and water-resistant, alcohol-based black ink.
- Xylene free, environmentally friendly.
- 0.8 mm nib.
- Priced per pen.

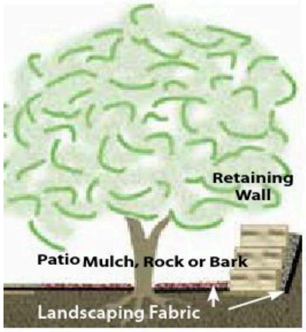
GARDEN MARKER PEN

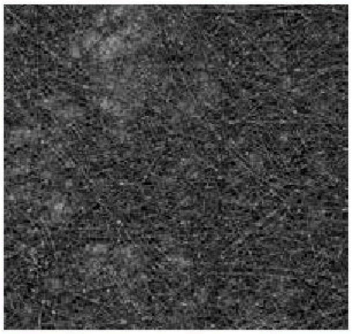
STK#	EACH	4 & UP
110472	$2.95	$2.89

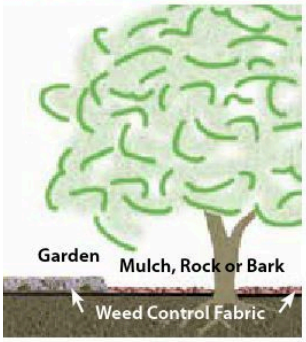
Artline Garden Marker

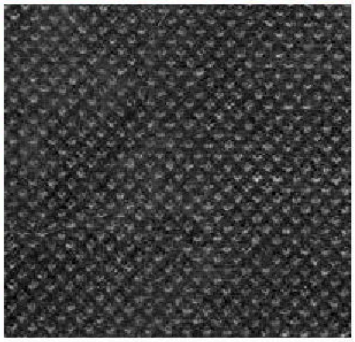
WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠











Suppress weed growth while allowing air, water and nutrients to pass through to plants. Excellent for short and long-term landscapes, annual or container gardens.

- Safely eliminate weeds while enhancing plant growth.
- Conserve soil moisture and promote healthy plant growth by eliminating competing weeds.
- Allows for the proper balance of air, water and nutrient exchange.
- Ground cover performs four significant functions: weed restriction, soil separation, reinforcement and filtration.
- Ideal for all residential and commercial applications.
- Easy installation. Conforms to the ground or trench surface and does not unravel when cut.
- Sold by the full roll only.
- Secure with our Biodegradable Fabric Stakes or our Fabric Securing Staples, both sold separately.

Polyspun Weed Control Fabric (108319-108321):

Polyspun polypropylene geotextiles are fabricated by sandwiching layers of fabric, which is then spunbonded for extra strength and light blockage. This 2 oz. fabric is hydrophilically treated to increase water flow. UV-treated for a longer life span, this fabric is ideal for use under bark, rock and organic materials to separate materials and provide weed control.

Spunbond General-Purpose Fabric (108322-108324):

Our Spunbonded polyester geo-fabric is a favorite with landscapers due to its strength and versatility. Highly resistant to acids, alkalines, insecticides, fertilizers and damage from insects. With its inherent UV resistance, this fabric is ideal for use as a patio or paver liner and will increase the life of the patio or walkway. Separates sand/aggregate from the soil to reduce shifting. This versatile 2 oz. fabric works well in many applications. Wrap around drainage pipes to keep native soil and silt from clogging drainage lines.

Standard-Duty Ground Cover (103797-103799, 103729, 103041-103042):

3 oz. per sq. yd. fabric is manufactured from UV-resistant, black polyethylene that has a long life expectancy. Marked every 12" for easy plant alignment, measuring and cutting.

Heavy Duty Ground Cover (108196-108201, 118433-118434):

Premium, landscape-quality, black 4.1 oz., 30 mil woven, needle-punched fabric is manufactured from UV-resistant polypropylene. This durable, commercial-grade cover is the choice of most landscapers. Marked every 12" for easy plant alignment, measuring and cutting.

2 OZ. POLYSPUN WEED CONTROL FABRIC

STK#	SIZE	EACH	6 & UP
108319	3' x 100' Roll	$34.95	$33.95
108320	4' x 100' Roll	42.95	41.95
108321	6' x 100' Roll	62.95	60.95

2 OZ. SPUNBOND GENERAL PURPOSE FABRIC

STK#	SIZE	EACH	6 & UP
108322	3' x 100' Roll	$29.95	$25.95
108323	4' x 100' Roll	39.95	35.95
108324	6' x 100' Roll	49.95	45.95

STANDARD GROUND COVER

STK#	ITEM	EACH	6 & UP
103797	3' x 100' Roll Woven Landscape	$ 41.95	$ 40.95
103798	6' x 100' Roll Woven Landscape	82.95	79.95
103799	12' x 100' Roll Woven Landscape	133.95	128.95
103729	3' x 300' Roll Woven Landscape	111.95	107.95
103041	6' x 300' Roll Woven Landscape	170.95	165.95
103042	12' x 300' Roll Woven Landscape	329.95	319.95

HEAVY DUTY GROUND COVER

STK#	ITEM	EACH	6 & UP
108196	3' x 100' Roll Woven Cover	$ 65.95	$ 63.95
108197	6' x 100' Roll Woven Cover	123.95	119.95
108198	12' x 100' Roll Woven Cover	232.95	223.95
108199	3' x 300' Roll Woven Cover	154.95	148.95
118433	4' x 300' Roll Woven Cover	185.95	175.95
118434	5' x 300' Roll Woven Cover	225.95	215.95
108200	6' x 300' Roll Woven Cover	275.95	264.95
108201	12' x 300' Roll Woven Cover	569.95	547.95

⚠ **WARNING:** Cancer and Reproductive Toxicity - P65Warnings.ca.gov

The Svensson White Lined Ground Cover is a perfect choice for indoor use. Its white color reflects light and provides support to plants of all kinds, making it the most-effective option.

- Made from 100% polypropylene, this cover is highly reflective and increases the amount of light that plants get, which can help to improve overall quality.
- This cover is strong, durable and can be walked on, all while weighing just 100 g per square meter.
- Maintains healthy soil by eliminating the growth of weeds, and with a water permeability of 10 $l/m^2/s$, it still enables proper moisture levels.
- Cover has a clean, neat and appealing appearance that looks good in any greenhouse.

SVENSSON WHITE LINED GROUND COVER

STK#	SIZE	EACH	6 & UP
113769	6-1/2'W x 100'L	$115.00	$109.00
113770	13'W x 100'L	225.00	219.00
113738	6-1/2'W x 300'L	335.00	325.00
113739	13'W x 300'L	655.00	629.00

Fabric Pins are an excellent way to hold geo-textiles in place during installation.

- Can also be used to secure turf reinforcement mats in some soft, loose soils.
- Drive into soil while washer prevents the materials from pulling through.
- Pins are 6-gauge steel, except 113825 which is 5-gauge steel.
- Washer diameter: 1.5".

112176

112175

GL FAST FABRIC PINS

STK#	LENGTH	EACH	200 & UP
112175	12"	$0.67	$0.64
112176	18"	0.77	0.74
113825	24"	0.88	0.85

The Ecoturf Degradable Net Straw Blanket offers quality, eco-friendly erosion control for small to medium-sized seeding applications.

- Premium biodegradable netting is easy to install and disappears over time once grass grows.
- This contractor-quality solution comes in a more manageable, affordable size than other commercial blankets.
- Helps avoid having to cut commercial size blankets for smaller jobs and potentially wasting excess netting.

ECOTURF DEGRADABLE NET STRAW BLANKET

STK#	SIZE	EACH
117670	4' x 50'	$27.95

PolyMax® Polyester Grow Tubes increase growing yield and improve plant health while reducing crop maintenance, labor and food safety concerns.

- Grow larger, better quality produce quickly and effortlessly.
- Easy to plant and maintain hundreds of crops, including berries, tomatoes, lettuce, herbs, peppers and flowers.
- Ability to grow in areas with poor soil conditions. Perfect for urban gardening. PolyMax® Grow Tubes produce high yields in a small space.
- Modular design will fit any space. Completely scalable, just cut tubes to desired length and install on any surface.
- Polyester Grow Tubes offer smaller, tighter mesh that is ideal for weed suppression and sustaining irrigation systems.
- Grow Tubes are available in 5", 8" and 12" diameters, are priced per ft. and sold in 100' increments.
- Significantly reduce your labor and cost. Reduce weeding, tilling and soil preparation when using quality media.
- Polyester Grow Tubes do not let in airborne weeds, are cleaner and easier to handle, and retain more moisture, resulting in less watering.
- Allow an easy transition to certified organic production.
- Prevent direct contact with soil, maintaining a healthy and clean food source.
- Grow Tubes are reusable with original media. Pull out old plants or make new holes after thaw, and reuse the tubes.
- Lay Grow Tubes on ground cover to further suppress weed growth while allowing air and nutrients to circulate throughout tubes.
- Grow Tubes are perfect for use with our Drip Irrigation Components, are sold separately.

POLYMAX® POLYESTER GROW TUBES

		MAXIMUM TUBE		PRICE PER FT.*	
STK#	DIAMETER	LENGTH	100'-499'	500'-11,999'	12,000' & UP
109649	5"	250'	$0.88	$0.84	$0.81
109650	8"	500'	0.98	0.94	0.90
109651	12"	500'	1.39	1.33	1.28

*Minimum order: 100'. Sold only in 100' increments.

Floating Row Cover protects plants and shrubs from the cold.

- Floating row cover allows early planting of flowering annuals, vegetables and bedding plants.
- Fabric is lightweight, 12 mil, 2 oz. per sq. yd. and can be reused many times.
- Semi-permeable blanket will allow limited moisture and water to get through.
- For severe cold, use two layers with a layer of polyethylene film on top.
- Maximum roll length: 750'.

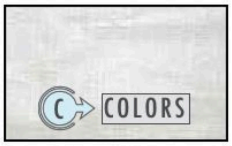
SPUNBOND INSULATE FROST BLANKET

		PRICE PER LINEAR FT.	
STK#	WIDTH	1'-199'	200' & UP
116030	24"	$0.37	$0.36
116031	36"	0.48	0.46
116032	48"	0.59	0.56
116033A	60"	0.68	0.65
116034A	72"	0.73	0.70
116035A*	126"	1.15	1.10

*Maximum roll length: 250'.

Benefit from earlier, healthier and cleaner crops with indestructible PolyMax® Woven PolyMulch that lasts for years.

- Now you can choose our high-quality 14 mil black/white or clear Woven PolyMulch.
- This most effective of all plastic mulches modifies the soil temperature and preserves moisture.
- Black/White PolyMulch prevents weed growth.
- Virtually indestructible. Will not tear or rip, even with heavy truck, wheelbarrow or tire traffic.
- Can be used over and over again.
- Also ideal as covering for woodpiles and machinery.



POLYMAX® WOVEN POLYMULCH

STK#	SIZE	EACH	4 & UP
104810	1' x 600'	$179.00	$175.00
104339	2' x 300'	219.00	215.00
104340	3' x 200'	215.00	205.00
104341	4' x 150'	205.00	199.00
104342	5' x 120'	205.00	199.00
104343	6' x 100'	205.00	199.00

*Add C (for Clear) or BW (for Black/White) to the end of the STK# to indicate color choice for High-Quality PolyMax® Woven PolyMulch.

Soft, easy-to-handle, UV-stabilized insulation blanket aids in winter protection.

- Designed to protect gardens, flowering annuals, bedding plants, fruits, foliage and vegetables from severe cold, freezing temperatures and early frost.
- Ideal overwintering for woody ornamentals through long, harsh winters.
- Lightweight, nonporous blanket offers excellent insulation protection.
- Increases soil temperature and helps you get obtain earlier, higher yields.
- Helps with wind protection.
- Durable, easy-to-handle polyethylene blanket is 3/16" thick, and protects down to 25ºF.

STARFOAM ANTI-FROST/INSULATION BLANKET

STK#	ROLL SIZE	EACH
106368	6' x 175'	$195.00
106369	6' x 350'	319.00

⚠ **WARNING:** Cancer and Reproductive Toxicity - P65Warnings.ca.gov

GROW ACCESSORIES

Shown with our Polypropylene Sand Bags (107339), sold separately below.

Provide up to 8 degrees of frost protection and increase yields with low-maintenance FrostGuard Row Covers.

- Also ideal for overwintering container stock, and protecting plants from insects and other pests.
- Manufactured from 100% polypropylene, spunbonded with UV stabilizers for long-lasting use.
- Seams are sealed with UV-stabilized, hot-melt glue for strength and durability.
- Choose the degree of light filtration and frost protection for your crops and climate.
- Actual fabric life will depend on amount of exposure and intensity of sunlight.
- This product is intended for frost protection and is not designed to hold heavy snow or sleet.

FrostGuard Lightweight Row Covers (116027, 116010, 116011 & 116028):

0.55 oz. per sq. yd. Offers 85% light transmission and 2 to 4 degree frost protection. Ideal for frost-sensitive perennials and vegetables.

FROSTGUARD LIGHTWEIGHT ROW COVERS

STK#	SIZE	EACH
116027	83" x 50'	$ 21.95
116010	83" x 500'	83.95
116011	83" x 1,000'	156.95
116028	10' x 500'	125.95

FrostGuard Medium-Weight Row Covers (116012 & 116013):

0.90 oz. per sq. yd. Offers 70% light transmission and 4 to 6 degree frost protection. Use on nursery stock, foliage, vegetables, berries and bedding plants in the spring. In moderate climates, use as overwintering protection for foliage and woody ornamentals.

FROSTGUARD MEDIUM-WEIGHT ROW COVERS

STK#	SIZE	EACH
116012	83" x 250'	$125.95
116013	83" x 800'	271.95

FrostGuard Heavyweight Row Covers (116014 & 116029):

1.5 oz. per sq. yd. Offers 50% light transmission and 6 to 8 degree frost protection. Excellent for overwintering containerized ornamentals and providing emergency freeze protection for foliage, nursery stock and ornamentals. .

FROSTGUARD HEAVYWEIGHT ROW COVERS

STK#	SIZE	EACH
116014	83" x 500'	$225.95
116029	10' x 500'	299.95

Row Cover Accessories

Standard Row Cover Hoops (110053):

Constructed from 9-gauge, galvanized steel wire. 76"L. When inserted about 6" in ground, will form an approximately 16"H x 42"W (at widest part) hoop. Place hoops 5' to 8' apart. Sold in packages of 100.

Ecoduty Biodegradable Stakes (117671,117672 & 113870):

4" stakes will maintain their holding power in the ground for up to 24 months, after which biodegradation occurs.

Polypropylene Sand Bag (107339):

14" x 26" white bag with attached tie strings is constructed from Heavy Duty, woven polypropylene and resists punctures and tears. Capacity: 40 lbs. Minimum order: 100 bags.

117671,117672,113870

103600

110053

107339

ROW COVER ACCESSORIES

STK#	ITEM	EACH	DISCOUNT PRICE
110053	Standard Row Cover Hoops, Pack of 100	$85.95	$82.95 (10 & up)
CC5505	Curtain Cord, 1,000' Roll	32.95	31.95 (12 & up)
103600	18" Ground Stake	7.15	–
117672	Ecoduty Biodegradable Fabric Stakes, Pack of 12	2.65	
117671	Ecoduty Biodegradable Fabric Stakes, Pack of 100	21.95	
113870	Ecoduty Biodegradable Fabric Stakes, Pack of 250	42.95	–
107339*	Polypropylene Sand Bag	0.71	0.68 (1,000 & up)

*Minimum order: 100 bags.

The Staple Ease™ Bio Pro™ Driver is the only commercial grade biodegradable staking installation tool.

- Can be used season after season to install staples quickly and correctly.
- Features interchangeable feet for all types of ground conditions and installations.
- Full-containment drive system reduces stake breakage and saves time and labor.
- Ideal for use with Ecoturf Ecoduty Biodegradable Fabric Stakes (117671, 117672 & 113870).

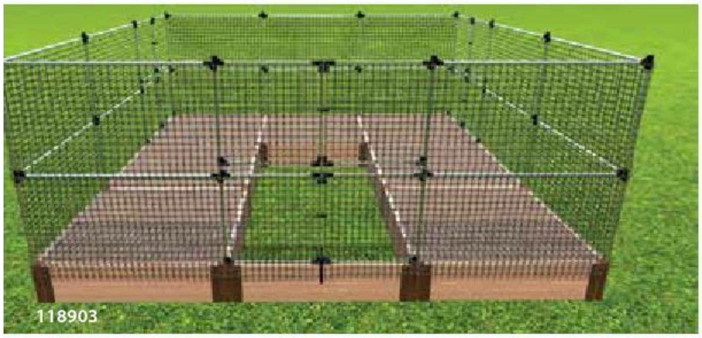
STAPLE EASE™ BIO PRO™ DRIVER

STK#	EACH
117687	$299.95

118877

118886

118914


118903

118901

NEW Frame It All™ Kits And Accessories are the perfect way to transform your landscape and start growing high-quality vegetables, herbs and flowers at home.

- Choose between Raised Garden Beds (118877-118896), Landscape Edging Kits (118914-118919) or Jumbo U-Shaped Walk-In Garden Kits (118902-118907) to design the ideal outdoor space.
- Composite boards feature textured finish that blends into any environment. Boards are made from 38% post-consumer food-grade safe recycled plastic and 62% sustainable hardwood fibers.
- Unlike cedar, these durable and low-maintenance composite boards will not rot, splinter or disintegrate over time.
- 5-year warranty on Raised Garden Beds, Landscape Edging Kits and Jumbo U-Shaped Walk-In Garden Kits.
- Optional Animal Barrier (118901), Cold Frame Greenhouse (118926) and Veggie Wall Trellis (118927) accessories help improve garden performance and offer increased plant protection.
- Composite boards are in the Classic Sienna color as pictured. An additional color, Weathered Wood, is available online.

Frame It All™ Raised Garden Beds (118877-118896)

- These modular kits offer an easy introduction to raised bed gardening, allowing users to extend their garden when they're ready by attaching additional kits at any time.
- With convenient snap-lock stacking brackets, these kits can also be added onto vertically to help insulate soil and create optimal growing conditions.
- Open-channel boards provide insulation by trapping air, keeping soil warmer in Spring and Fall and cooler in the Summer.
- Available in 4'W x 4'L, 4'W x 8'L and 4'W x 16'L to accommodate properties of any size.

Frame It All™ Landscape Edging Kits (118914-118919)

- Landscape edging kits can be arranged in countless ways to freshen up a landscape and improve curb appeal.
- Ideal for landscape edging, playground borders, creating pathways and more.
- Kits include anchor stakes, composite board and snap-lock anchor brackets, which simply slide and snap to lock securely to the board.
- Anchor stakes provide a tight grip to the ground, so edging stays put in any weather. Serrated stakes also keep borders from being disturbed by mowers or human activity.
- With additional boards and snap-lock stacking brackets, landscape edging can be stacked to create deeper borders or levels and cascading features.

Frame It All™ Jumbo U-Shaped Walk-In Garden Kits (118902-118907)

- These attractive, functional garden kits provide 112 sq. ft. of total planting area.
- Garden kit assembles in 12'W x 12'L sq. ft. location, with open area left for users to walk in between planters. Garden is also easily accessible from every side.
- Open-channel boards provide insulation by trapping air, keeping soil warmer in Spring and Fall and cooler in the Summer.
- Kits include composite boards, snap-lock stacking brackets and snap-lock 4-way bracing brackets for 2, 3 and 4 level walk-in beds.

Frame It All™ Stack & Extend Animal Barrier (118901)

- This animal barrier creates a customizable, animal-proof protection zone when growing plants and flowers.
- Each barrier kit will protect a 4'W x 4'L garden to a height of 2', which deters small animals, including rabbits, cats and dogs. With additional kits, users can expand protection zone or stack barriers to any height.
- Gated stainless-steel frame and Heavy Duty rigid plastic mesh are built to last and won't flop, rust or rot, providing a longer-lasting solution than traditional deer fencing or garden netting.
- Easy-access gate makes it easy to tend to garden, without leaning or reaching.
- Connects to anchor or stacking joints in Frame It All™ Raised Garden Beds. For other applications, stake barrier directly into ground.
- Kits are easy to install and can also be integrated with the Frame It All™ Veggie Wall Trellis.
- 1-year warranty.

Frame It All™ Extendable Cold Frame Greenhouse (118926)

- When used in conjunction with Frame It All™ Raised Beds, these covers allow users to grow cold-tolerant crops well into the Winter months, as well as optimize growing conditions in Spring and Fall.
- Multiple units can be zippered together end-to-end, creating a continuous row of coverage to desired length.
- Zippered windows allow for easy access while tending to plants, as well as quick ventilation for temperature and humidity control.
- Powder-coated steel frame will not rust or corrode, and the Heavy Duty PVC cover will stand up to heavy wind or inclement weather.
- Each greenhouse measures 4'W x 4'L and stands 36"H at its peak.
- Limited tools required for assembly. If needed, cold frame greenhouses are simple to remove and replace.

Frame It All™ Stack & Extend Veggie Wall Trellis (118927)

- This veggie wall trellis creates ideal growing conditions for vining plants and increases available growing space by up to 200%.
- Trellis increases airflow to vine crops, reducing chance of disease, while improving access to sunlight for faster growth.
- Eliminates the need for crouching or bending when tending to plants, making harvesting and plant maintenance an easier task.
- Constructed from durable stainless steel with nylon mesh that's strong enough to support heavy fruits and vegetables.
- Each veggie wall trellis contains two 4'W x 6'L panels, which provide 48 sq. ft. of trellis area.
- Connects to anchor or stacking joints in Frame It All™ Raised Garden Beds. For other applications, stake barrier directly into ground.
- Kits are easy to disassemble and store if users choose to remove during fall and winter months.
- 1-year warranty.

FRAME IT ALL™ RAISED GARDEN BEDS

STK#	SIZE	# OF TIERS	EACH
118877	4'W x 4'L	1 (5-1/2"H)	$ 99.95
118878	4'W x 4'L	2 (11"H)	199.95
118879	4'W x 4'L	3 (16-1/2"H)	299.95
118880	4'W x 4'L	4 (22"H)	379.95
118885	4'W x 8'L	1 (5-1/2"H)	149.95
118886	4'W x 8'L	2 (11"H)	324.95
118887	4'W x 8'L	3 (16-1/2"H)	424.95
118888	4'W x 8'L	4 (22"H)	579.95
118893	4'W x 16'L	1 (5-1/2"H)	234.95
118894	4'W x 16'L	2 (11"H)	464.95
118895	4'W x 16'L	3 (16-1/2"H)	699.95
118896	4'W x 16'L	4 (22"H)	929.95

FRAME IT ALL™ LANDSCAPE EDGING KITS

STK#	LENGTH	SHAPE	EACH
118914	16'	Straight	$ 99.95
118915	16'	Curved	109.95
118916	32'	Straight	199.95
118917	32'	Curved	219.95
118918	64'	Straight	395.95
118919	64'	Curved	439.95

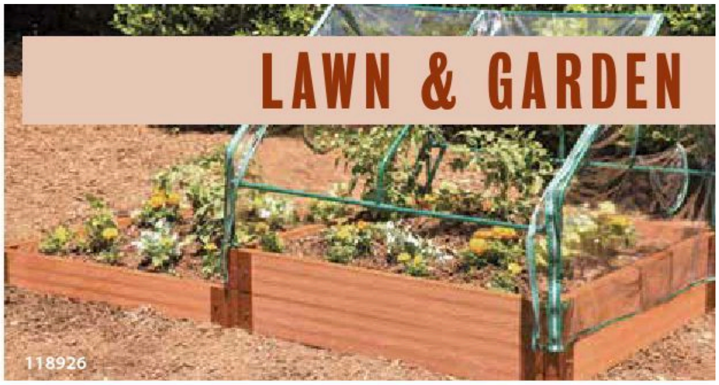
FRAME IT ALL™ JUMBO U-SHAPED WALK-IN GARDEN KITS

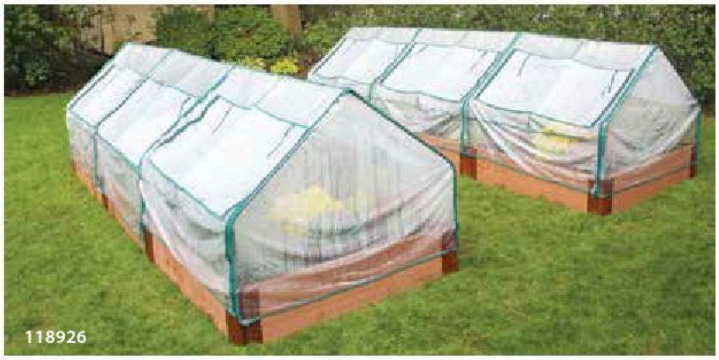
STK#	SIZE	# OF TIERS	ANIMAL BARRIER HEIGHT	EACH
118902	12'W x 12'L	2 (11"H)	2'	$1,114.95
118903	12'W x 12'L	2 (11"H)	4'	1,329.95
118904	12'W x 12'L	3 (16-1/2"H)	2'	1,519.95
118905	12'W x 12'L	3 (16-1/2"H)	4'	1,719.95
118906	12'W x 12'L	4 (22"H)	2'	1,939.95
118907	12'W x 12'L	4 (22"H)	4'	2,129.95

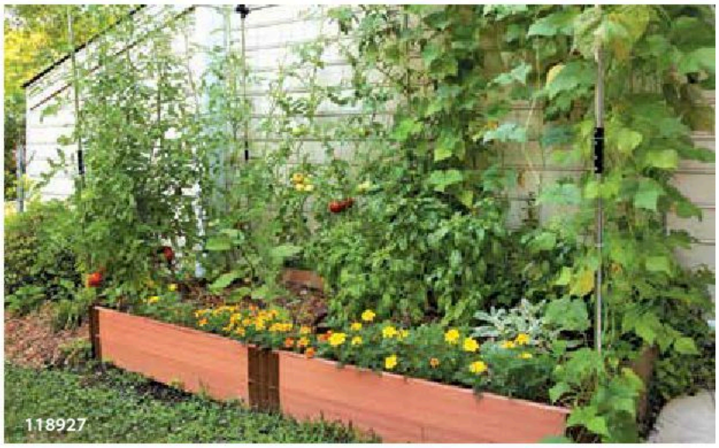
FRAME IT ALL™ ACCESSORIES

STK#	ITEM	EACH
118901	Stack & Extend Animal Barrier	$64.95
118926	Extendable Cold Frame Greenhouse	54.95
118927	Stack & Extend Veggie Wall Trellis	54.95

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠







CC6211

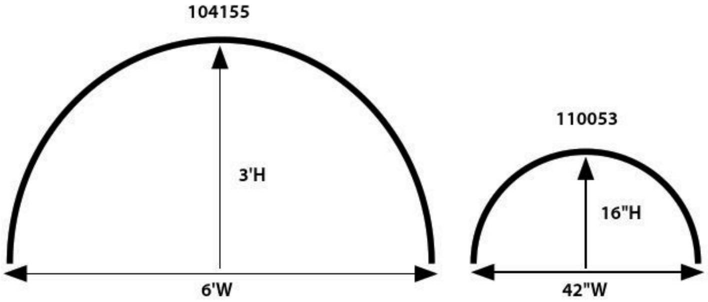
Protect your raised beds and growing fields with our Row Cover Hoops. Also, enjoy a few bonus weeks in the growing season.

Premium Row Cover Hoops (104155)

- Hoop is constructed from 0.922" OD, triple-galvanized structural steel tubing, fashioned to fit over your raised bed or growing field.
- Hoop supports greenhouse film, shade cloth, lightweight PolyMax® curtain material or insulate frost blanket, all sold separately.
- Requires 10' wide film.
- Easy to assemble and secure using our Tek Screws, Clamps and Aluminum Fabric Clips, all sold separately.
- Add purlins using Swaged Conduit for extra support.
- 25'L Row Cover Kit (104940) includes six hoops, 10'W 6 mil 4 year greenhouse film, 18 fabric clips and 50 staples.

Standard Row Cover Hoops (110053)

- Constructed from 9-gauge, galvanized steel wire.
- 76"L. When inserted about 6" in ground, will form an approximately 16"H x 42"W (at widest part) hoop.
- Place hoops 5' to 8' apart.
- Sold in packages of 100.



ROW COVER HOOPS

STK#	ITEM	EACH	DISCOUNT PRICE
104155	6'W x 3'H Premium Row Cover Hoop	$ 24.69	$23.75 (50 & up)
104940	6'W x 3'H x 25'L Premium Row Cover Kit	263.95	–
110053	76"L Standard Row Cover Hoops, Pack of 100	85.95	82.95 (10 & up)
FA4460B	#10 x 1" Zinc-Plated Tek Screws	0.08	0.07 (1,000 & up)
FAPA10	1/2" Heavy-Duty Nonmetallic Clamp	0.36	0.35 (500 & up)
106816	1/2" x 8'L Swaged Galvanized Conduit	8.19	7.89 (50 & up)
CC6211	Aluminum Fabric Clip for 0.922" OD Pipe	1.45	1.39 (100 & up)

Greenhouse Basket Hangers

- Basket hangers can run the length of your greenhouse or garden center.
- Multiple hanger runs allow you to display all your hanging baskets and planters in a decorative, economical, space-saving fashion.
- 104573: 8'L, 19 gauge, 1.05" OD.
- 131S096: 8'L, 17 gauge, 1.315" OD.
- Our exclusive tight-fit swage makes it easy to join multiple hangers together, allowing you to obtain any length desired.
- Superior galvanized finish resists corrosion.
- Install using our Double Loop Lion Chain, our Zinc Chromate S-Hooks and Zinc-Plated Tek Screws, all sold separately.

GREENHOUSE BASKET HANGERS

STK#	ITEM	EACH	DISCOUNT PRICE
104573	1.05" OD x 96" Hanger	$15.39	$14.79 (50 & up)
131S096	1.315" OD x 96" Hanger	19.69	18.95 (50 & up)
AR4534	#4 Double Loop Lion Chain, 100'	13.39	–
AS1208	1-1/2" Zinc-Plated S-Hook	0.32	0.31 (100 & up)
FA4465	#10 x 1-1/2" Tek Screws, Bag of 100	7.99	7.69 (10 & up)

GigaVent Opener sold separately.

Start seedlings, toughen up young plants for early spring planting or overwinter summer-rooted cuttings with our exclusive Heavy Duty Cold Frame.

- Manufactured from 14-gauge, 1.5" square Heavy Duty, triple-galvanized steel tubing.
- 8 mm UV-stabilized polycarbonate panels that offers superior heat retention, prevents sun scorch and comes with a 10 year warranty.
- 4'W x 7'9"L frame slopes from a height of 23" in the back to 17" in the front.
- Aluminum connectors and profiles add a finished, professional appearance and help to keep out insects and moisture.
- Stainless steel hinges and latch ensure greater strength and durability.
- Team up with our Soil-Warming Cables, sold separately, to create your own hotbed.
- Hinged Combo-Top either slides or manually lifts open with handle for easy access.
- For automatic climate control, install our GigaVent Solar Vent Opener (106119), sold separately.

GROWSPAN HEAVY DUTY COMMERCIAL COLD FRAME

STK#	EACH	2 & UP
106363	$989.00	$955.00

Shown with our Composite Lumber Base, avaiable in black only, sold separately.

Keep your small plants out of the cold or start new plants early with our GrowSpan Mini Cold Frame.

- Provide shelter for tender plants or harden off seedlings.
- Framework is constructed from 19-gauge, 1.05" OD, triple-galvanized structural steel tubing.
- Cover is made from our 6 mil 4 year greenhouse film that has UV-blockers, an anti-dust additive and comes with a 4 year warranty. Fabric clips included.
- Rafter spacing: 2'.
- During the warmer summer months, replace the greenhouse film with our SunBlocker™ Black Knitted 60% Shade or our Insect Screening. Ask your National Account Manager for more details.
- Ground posts are included. As a base, we recommend using our Composite Lumber sold separately.

GROWSPAN MINI COLD FRAMES

STK#	SIZE	EACH
105148F	4'W x 2'9"H x 6'L	$229.00
105149F	4'W x 2'9"H x 8'L	255.00
105150F	4'W x 2'9"H x 12'L	329.00
105151F	4'W x 2'9"H x 16'L	425.00
105152F	6'W x 5'H x 6'L	265.00
105153F	6'W x 5'H x 8'L	325.00
105154F	6'W x 5'H x 12'L	449.00
105155F	6'W x 5'H x 16'L	569.00

Premium GigaVent Solar Vent Opener lifts up to 65 lbs.

- Constructed from long-lasting stainless steel, plastic and aluminum.
- Adjustable for different opening heights and mountable two different ways, taking up as little space as possible within your greenhouse.
- The volume-expanding wax within the hydraulic cylinder will endure any temperature (hot or freezing), working independently of the power grid for continuous temperature monitoring.
- Recommended for use in temperatures up to 140ºF.
- 2 year manufacturer's warranty.
- It is recommended that the vent cylinder be removed during the winter months.

GIGAVENT SOLAR VENT OPENER

STK#	EACH	4 & UP
106119	$191.95	$186.95

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

NEW Modine® MEW Electric Washdown Heaters provide an innovative heating solution that's able to thrive in washdown and corrosive environments.

- These electric unit heaters are ideal for a variety of industrial and commercial applications in corrosive, dirty or wet environments. Users can select ideal model size, ranging from 3kW to 39kW.
- Heaters offer NEMA 4X protection against water penetration, ensuring a longer life in corrosive or washdown environments.
- 16-gauge stainless steel cabinet delivers industrial-grade durability, while other stainless steel elements provide added corrosion protection and improved heat distribution.
- Designed with thermally protected 1/2 HP motor that features permanently lubricated ball bearings. Epoxy-coated fan blade contributes to longer operational life.
- Includes stainless steel temperature high-limit controls for increased safety and dependability.
- 120 V controls allow for better contractor pull-in reliability.
- Suitable for non-hazardous locations only and in washdown applications using water pressure less than 70 psi.
- Each heater comes complete with stainless steel wall/ceiling mounting kit for highly flexible mounting options.

MODINE® MEW ELECTRIC WASHDOWN HEATERS

STK#	KW	PHASE	VOLTAGE	EACH
118937	3	1	208	$4,239.95
118938	3	3	208	4,239.95
118939	3	1	240	4,239.95
118940	3	3	240	4,239.95
118941	5	1	208	4,429.95
118942	5	3	208	4,429.95
118943	5	1	240	4,429.95
118944	5	3	240	4,429.95
118945	7.5	1	208	4,765.95
118946	7.5	3	208	4,765.95
118947	7.5	1	240	4,765.95
118948	7.5	3	240	4,765.95
118949	10	3	208	4,915.95
118950	10	1	240	4,915.95
118951	10	3	240	4,915.95
118952	15	3	208	6,045.95
118953	15	3	240	6,045.95
118954	20	3	480	7,019.95
118955	25	3	480	7,219.95
118956	30	3	480	7,445.95
118957	35	3	480	7,559.95
118958	39	3	480	7,729.95

109306P

109308

109307

Safe, clean-burning heat for your home, greenhouse, shop or garage.

- Economical, 99.9% efficient heaters operate without electricity during power outages.
- Built-in low oxygen shut-off sensor for maximum safety.
- Easy-to-install heaters require no venting or chimney, and can be wall mounted or left freestanding. Feet kit is included.
- 10,000 BTU model includes low and high heat settings and piezo ignition.
- 20,000 BTU and 30,000 BTU models include factory-installed 110 V blower fan, thermostat and battery operated electronic ignition (one AA battery, included).
- The 10,000 BTU heater (109306P) is approved for bedrooms, but the 20,000 BTU (109307) and 30,000 (109308) heaters are not approved.
- Not for altitudes above 4,500'. Cannot be sold in California. In Massachusetts, must be installed in compliance with CMR 248.
- Available in natural gas or propane, except the 10,000 BTU model (109306P) which is available in propane only.
- CSA certified for use in USA. Cannot be sold in Canada.
- 5 year limited warranty.

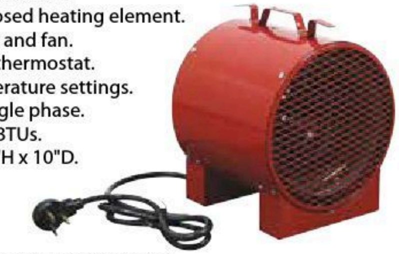
HEATSTAR BLUE FLAME HEATERS

STK#	MAX. BTU	HEAT COVERAGE	EACH
109306P†	10,000	300 sq. ft.	$205.95
109307*	20,000	600 sq. ft.	329.95
109308*	30,000	1,000 sq. ft.	405.95

*Add N (Natural Gas) or P (Propane) to the end of the STK# to indicate your desired heater type. †Only available in propane.

Construction Site/Utility Fan-Forced Portable Heater

- Operates on 240 V or 208 V.
- Steel tubular enclosed heating element.
- Heavy-duty motor and fan.
- Internal overheat thermostat.
- Low to high temperature settings.
- 4,000/3,000 W. Single phase.
- 13,648 maximum BTUs.
- 10 5/8"W x 12-3/4"H x 10"D.



20 AMP Plug
NEMA 6-20P

CONSTRUCTION SITE/UTILITY HEATER

STK#	EACH
105810	$275.95

Dual Heat Fan-Forced Portable Heater is ideal for office, personal work stations, garages and more.

- 2,000 W and 4,000 W heat settings.
- Open wire element.
- Temperature control thermostat.
- Manual reset type limit control.
- 6'L 3-conductor cord.
- 240 V. Single phase.
  13,652 maximum BTUs.
- 16"W x 16"H x 8-1/2"D.

20 AMP Plug
NEMA 6-20P

DUAL HEAT FAN-FORCED PORTABLE HEATER

STK#	EACH
105809	$305.95

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Heat Wave™ Electric Salamander Heaters

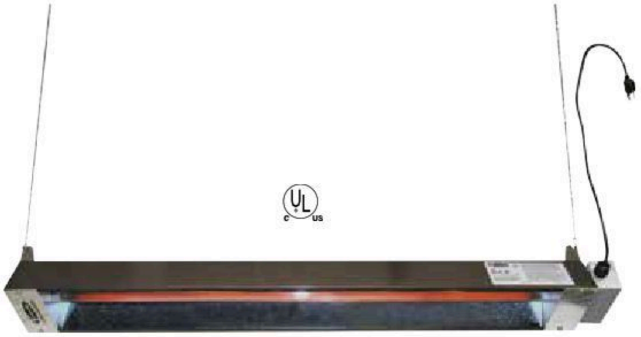
- Safety yellow heater enclosure with safety screen on both air intake and output openings.
- Long life, finned tubular heating elements.
- Thermostat adjustment 40˚F to 100˚F.
- High limit thermal cutout switch.
- Heaters come complete with yoke and bracket for either wall or ceiling mount.
- Designed for direct-wire installation.

HEAT WAVE™ ELECTRIC HEATERS

STK#	BTU	VOLTS	PHASE	AMPS	EACH
105813	51,195	208	3	42	$1,499.95
105814	51,195	240	1	63	1,499.95
105815	51,195	240	3	36	1,499.95
105816	51,195	480	3	18	1,499.95
105817	102,390	480	3	36	2,605.95

Ideal for work stations, lobby entrances and indoor plants.

- Features a new design with weather-tight electrical enclosure that is covered by an extended heater housing.
- Indoor/Outdoor Rated.
- 60° symmetrical heat pattern.
- Bright aluminum reflector and end caps.
- 6'L, 3-wire (14/3) cord set with plug that can be removed for direct-wire installation.
- Quartz tube included.
- Single phase.
- Mounting clearance: 3" from ceiling, 12" from vertical surface, 24" from combustible materials.
- Two 2' mounting chains and four S-hooks included for chain mounting. When suspended by one hole on each end the heater will hang at a 45° angle.



QUARTZ INFRARED SPOT HEATERS

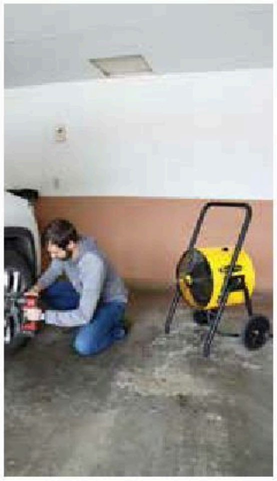
STK#	LENGTH	BTU	WATTS	VOLTS	RECOMMENDED MOUNTING HEIGHT	EACH
112921	44.4"	5,120	1,500	120	7'-9'	$415.95
112922	55.4"	10,240	3,000	240	8'-10'	485.95

112921
NEMA 5-15P

112922
NEMA 6-15P

Heat Wave™ Portable Electric Salamander Heater is safe, clean and efficient.

- Factory prewired unit with 10' cable and straight blade range plug.
- Long life, finned tubular heating elements.
- Thermostat adjustment 40˚F to 100º F.
- High-limit thermal cutout switch.
- Heats 1,000 sq. ft. to 1,500 sq. ft. in an insulated room with 15' ceilings.
- Rotates up to 90˚ from center.
- 10" heavy-duty wheels.
- Wire guard front and back.
- 240 V. Single phase. 42 A.
- 800 CFM Rating. 34,130 BTUs.
- KW Rating: 10.



50 AMP Plug
NEMA 14-50P

HEAT WAVE™ PORTABLE ELECTRIC HEATER

STK#	EACH
105812	$1,489.95

Fan-Forced Portable Unit Heater with swivel base can be used as wall, floor or ceiling mount.

- Enclosed finned tubular steel heating element.
- Internal manual reset thermal cut-out.
- 6'L cord with molded plug which can be removed at terminal block for hard wire installations.
- Temperature control thermostat with 35˚F to 85˚F range.
- 10' air throw. 262 CFM.
- 5,600/4,200 W. 240 - 208 V. Single phase.
- 19,107/14,330 maximum BTUs.
- 13-1/2"W x 17-1/2"H x 11-1/2"D.

FAN-FORCED PORTABLE UNIT HEATER

STK#	EACH
105811	$505.95

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Perfect for horticultural, commercial, industrial and agricultural uses.

- High-efficiency heaters slash energy costs.
- Installation is quick and power venting means low installation cost.
- 100% shut-off, dependable direct spark ignition with continuous re-try.
- Natural gas units can be field converted to propane if desired.
- Power exhauster rotates 180° so heater can be vented vertically or horizontally.
- Safety pressure switch ensures safe venting conditions.
- Designed to use the smallest diameter vent pipe possible.
- 80% thermal efficiency.
- High Altitude Kit is required at altitudes over 2,000 ft. Ask your National Account Manager for details.

MODINE™ POWER-VENTED HIGH EFFICIENCY HEATERS

STK#	BTU/HR INPUT	BTU/HR OUTPUT	EACH
118111	150,000	120,000	$1,585.95
118112	175,000	140,000	1,659.95
118113	200,000	160,000	1,815.95
118114	250,000	200,000	2,085.95
118115	300,000	240,000	2,505.95
118116	350,000	280,000	2,909.95
118117	400,000	320,000	2,979.95

Add N (Natural Gas) or P (Propane) to the end of the STK# to indicate your desired heater type.

Operate with steam or hot water and counter heat loss along exterior walls, especially where windows are present.

- Compact and lightweight, these units provide horizontal and downward air delivery.
- Steel top and bottom supply and return connections allow the unit to be rotated 360° without piping changes.
- Baked-on gray/green paint finish over rust and corrosion resistant steel ensures long life.
- Unique coil design offers uniform heat, ensures maximum control over air delivery and temperature.
- Balanced fan blades move air quickly and quietly with minimum power requirement.
- Totally enclosed motor is single phase with built-inthermal overload protection.
- Safety fan guard completely surrounds the fan, offering constant protection.

MODINE™ HOT WATER/STEAM HEATERS

STK#	STEAM* BTU/HR OUTPUT	HOT WATER† BTU/HR OUTPUT	HP	RPM	MAX. MOUNTING HEIGHT	HEAT THROW @CFM	EACH
106269	18,000	12,600	1/60	1,550	8'	17' @ 340	$ 545.95
106270	24,000	16,300	1/25	1,550	9'	18' @ 370	615.95
106271	33,000	21,700	1/25	1,550	10'	21' @ 630	705.95
106272	47,000	30,900	1/12	1,550	12'	28' @ 730	819.95
106273	63,000	45,600	1/12	1,550	14'	29' @ 1,120	899.95
106274	86,000	60,200	1/8	1,625	15'	31' @ 1,340	975.95
106275	108,000	83,700	1/8	1,625	17'	31' @ 2,010	1,189.95
106276	121,000	93,000	1/5	1,075	16'	25' @ 1,775	1,289.95
106277	165,000	130,900	1/3	1,075	19'	40' @ 3,240	1,589.95
106278	193,000	143,000	1/3	1,075	18'	38' @ 2,900	1,799.95
106279	258,000	202,000	1/2	1,075	19'	44' @ 4,560	2,215.95
106280	290,000	228,600	1/2	1,075	20'	46' @ 4,590	2,469.95
106281	340,000	271,100	1/2	1,075	20'	46' @ 5,130	3,085.95

*Performance data for standard units at conditions of 2 lb. steam and 60°F entering air.

†Performance data for standard units at standard conditions of 200°F entering water and 60°F entering air.

Optimum performance, comfort and heating efficiency.

- Direct-driven propeller fan units, equipped with a two-stage fuel pump, are designed for horizontal delivery of heated air. Quiet, safe and automatic operation.
- Units require fuel oil grade No. 1 or 2, as specified by (ASTM) D396-73.
- Offer a reliable means of heating, particularly in areas where supplies of other fuels may be limited or not available.
- Recommended as replacements for obsolete heaters or as total heating applications in new buildings.
- Long life is ensured due to the roll-formed design of the heat exchanger, which is made from corrosion-resistant aluminized steel and contains a preformed ceramic fiber fire pot.
- The thermally efficient fire pot is lightweight, resilient and reaches operation temperature quickly.
- Designed for overhead suspension, all units are factory assembled, prewired, fire tested and UL listed.
- Ready to connect to single phase, 60 Hz, 115 V power and 25 V thermostat, fuel lines and vents.

MODINE™ OIL-FIRED UNIT HEATERS

STK#	BTU/HR OUTPUT	CFM @ 70° F	HP	MAX MOUNTING HEIGHT	HEAT THROW	EACH
106282	100,000	1,890	1/5	12'	39'	$5,199.95
106284	185,000	3,200	1/3	12'	51'	5,959.95

Let a Modine™ Hot Dawg® Heater take the chill out of your garage, workshop, warehouse or storage facility.

- Certified for residential, commercial and industrial use.
- Attractive, low-profile design ensures good fit in tight areas.
- Durable polyester-powder paint finish.
- Standard power exhaust allows for either sidewall or roof venting.
- Lightweight. Installs easily.
- Sealed, permanently-lubricated motor for dependability and quiet, trouble-free operation.
- Automatic direct spark ignition.
- Top and bottom clearance to combustibles: 1".
- 10 year manufacturer's warranty on heat exchanger.
- High Altitude Kit may be required at altitudes over 2,000 ft. Ask your National Account Manager for details.

MODINE™ HOT DAWG® HEATERS

STK#	BTU/HR INPUT	BTU/HR OUTPUT	EACH
102463*	30,000	24,000	$ 919.95
102464*	45,000	36,000	939.95
102465*	60,000	48,000	1,079.95
102466*	75,000	60,000	1,095.95
107912†	100,000	80,000	1,295.95
107441†	125,000	100,000	1,395.95

Add N (Natural Gas) or P (Propane) to the end of the STK# to indicate your desired heater type.
*Two angle brackets included for mounting. †Can be mounted with 3/8" threaded rods, sold separately.

Perfect for horticultural, commercial, industrial and agricultural uses.

- High-efficiency heaters slash energy costs.
- Easy to maintain and operate.
- Installation is quick and power venting means low installation cost.
- 100% shut-off, dependable intermittent pilot ignition with continuous re-try.
- Natural gas units can be field converted to propane if desired.
- Power exhauster rotates 180° so heater can be vented vertically or horizontally.
- Safety pressure switch ensures safe venting conditions.
- Designed to use the smallest diameter vent pipe possible.
- 80% thermal efficiency.
- High Altitude Kit is required at altitudes over 2,000 ft. Ask your National Account Manager for details.

MODINE™ POWER-VENTED HIGH EFFICIENCY HEATERS

STK#	BTU/HR INPUT	BTU/HR OUTPUT	EACH
103659P	250,000	200,000	$1,925.00
103660P	300,000	240,000	2,125.00
103661P	350,000	280,000	2,370.00
103662*	400,000	320,000	2,535.00

*Add N (Natural Gas) or P (Propane) to the end of the STK# to indicate your desired heater type.

Raise your comfort levels and lower your energy costs with the most efficient condensing unit heater you can buy.

- 93% efficient means you will benefit from substantial energy savings each heating season.
- The Effinity 93 guards against mold and maintains uniform wall-to-wall temperatures with consistent air circulation.
- Designed specifically for corrosive environments, this heater is ideal for greenhouses, barns, poultry houses, commercial buildings and more.
- Unit features two heat exchangers. The primary is aluminized steel, while the secondary is stainless steel.
- Ability to be vented as either 2-pipe or concentric vent system with 3" and 4" PVC pipe for quick, efficient and cost-effective installation.
- Separated combustion eliminates operating issues caused by negative pressure, dust and moisture.
- Durable, baked-on polyester powder-coated cabinet.
- Available in natural gas or propane.
- High Altitude Kit is required for altitudes over 2,000 ft. Ask your National Account Manager for details.

Effinity93

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Effinity93

MODINE™ EFFINITY 93 CONDENSING UNIT HEATER

STK#	TYPE	BTU/HR INPUT	BTU/HR OUTPUT	EACH
113741	Natural Gas	55,000	51,150	$1,745.95
113742	Propane	55,000	51,150	1,745.95
113743	Natural Gas	65,000	60,450	1,915.95
113744	Propane	65,000	60,450	1,915.95
113745	Natural Gas	85,000	79,050	2,355.95
113746	Propane	85,000	79,050	2,355.95
113747	Natural Gas	110,000	102,300	2,819.95
113748	Propane	110,000	102,300	2,819.95
109777N	Natural Gas	135,000	125,550	3,509.95
109777P	Propane	135,000	125,550	3,509.95
109778N	Natural Gas	155,000	144,150	3,765.95
109778P	Propane	155,000	144,150	3,765.95
109779N	Natural Gas	180,000	167,400	3,885.95
109779P	Propane	180,000	167,400	3,885.95
109780N	Natural Gas	215,000	199,950	4,435.95
109780P	Propane	215,000	199,950	4,435.95
109781N	Natural Gas	260,000	241,800	4,655.95
109781P	Propane	260,000	241,800	4,655.95
109782N	Natural Gas	310,000	288,300	5,299.95
109782P	Propane	310,000	288,300	5,299.95

Farm buildings, maintenance buildings, warehouses and pump houses are no problem for the SunStar® StarGlo™ Standing Pilot Ceramic Infrared Area Heater.

- BTU/hour output ratings from 26,000 to 104,000.
- Does not require external electrical power to operate.
- Standing millivolt pilot operation with a 100% gas shut-off safety control.
- Aluminized-steel construction with aluminum reflectors.
- Available in natural gas or propane.
- Indirect-vented operation. Requires mechanical or gravity ventilation.
- Protective radiant screen included.
- Suitable for horizontal or angle mount up to 30°.
- Minimum mounting height: 15' with 36" clearance to ceiling.
- Mounting hardware not included.
- No electricity required. Continuous, dependable operation even during power outages.
- Requires 750 mV thermostat (106452), sold separately.

MILLIVOLT THERMOSTAT KIT

STK#	EACH
106452	$42.95

STARGLO™ CERAMIC INFRARED AREA HEATERS

STK#	BTU/HR OUTPUT	EACH
106021	26,000	$409.95
106022	52,000	485.95
106023	104,000	679.95

Add N (Natural Gas) or P (Propane) to the end of the STK# to indicate your desired heater type.

StarGlo™ Direct-Spark Ignition Ceramic Infrared Heaters meet your commercial or industrial heating needs.

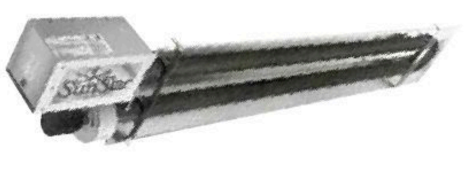
- Available in either natural gas or propane, with BTU/hour output ratings from 30,000 to 155,000.
- Corrosion-resistant, aluminized-steel construction.
- Energy-efficient direct spark ignition system with 100% gas shut-off safety control.
- Aluminum reflectors maximize radiant output.
- Dimpled tile assembly design for increased radiant efficiency.
- Design certified for angle mounting up to 30˚.
- Mounting hardware not included.
- Indirect vented operation. Requires mechanical or gravity ventilation.
- Requires 120 V - 24 V thermostat. We recommend our DuroStat™ NEMA 4 Thermostat (CR2095), sold separately.

STARGLO™ CERAMIC INFRARED HEATERS

STK#	TYPE	BTU/HR OUTPUT	NUMBER OF BURNERS	MIN. MOUNTING HEIGHT	EACH
103172N	Natural Gas	30,000	1	12'	$389.95
103172	Propane	32,000	1	12'	389.95
103173N	Natural Gas	40,000	1	12'	399.95
103174N	Natural Gas	60,000	2	13'	459.95
103175	Propane	65,000	2	13'	459.95
103176N	Natural Gas	80,000	2	14'	469.95
103177N	Natural Gas	100,000	3	15'	474.95
103178	Propane	100,000	3	15'	474.95
103179N	Natural Gas	120,000	3	16'	484.95
103180	Propane	130,000	4	17'	699.95
103181N	Natural Gas	140,000	4	17'	709.95
103182N	Natural Gas	155,000	4	18'	719.95

SunStar® Eclipse™ Compact Infrared Tube Heater provides an efficient source of radiant heat for a wide variety of hard-to-heat spaces.

- Reduce your fuel bills up to 50%.
- Heavy Duty combustion chamber with aluminum reflectors.
- Available in BTU/hour output ratings from 25,000 to 45,000 in either natural gas or propane.
- Compact size (overall length is just 9'2").
- U-Tube design provides uniform heat distribution.
- Installation as low as 8' above floor.
- Includes 36"L stainless steel, flexible gas connector.
- We recommend our DuroStat™ NEMA 4 Thermostat (CR2095), sold separately.



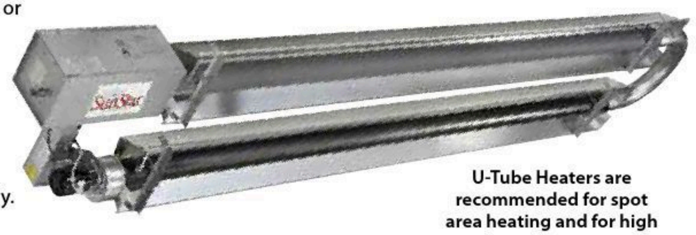
SUNSTAR® ECLIPSE™ COMPACT TUBE HEATERS

STK#	BTU/HR OUTPUT	EACH
106024	25,000	$795.95
106025	35,000	795.95
106026	45,000	$795.95

Add N (Natural Gas) or P (Propane) to the end of the STK# to indicate your desired heater type.

SunStar® Infrared Tube Heaters provide more uniform radiant energy distribution.

- 4" OD heat-treated aluminized steel combustion chamber makes these heaters ideal in corrosive environments.
- Choose from 6 BTU/hour output ratings, in natural gas or propane, Straight or U-Tube design.
- CSA design certified.
- Direct or indirect vented operation.
- 75 ft. sidewall venting and soft outside combustion air capacity.
- Direct spark ignition and 100% gas shut off safety control.
- Horizontal or angle mounting up to 45˚.
- Includes 36"L stainless steel, flexible gas connector.
- We recommend our DuroStat™ NEMA 4 Thermostat (CR2095), sold separately.


U-Tube Heaters are recommended for spot area heating and for high heat loss areas.

TOUGHGUY INFRARED U-TUBE HEATERS-SIU SERIES

STK#	TUBE LENGTH	BTU/HR OUTPUT	MIN. MOUNTING HEIGHT	EACH
103204	20'	50,000	11'	$1,029.95
103205	20'	75,000	13'	1,035.95
103206	40'	100,000	14'	1,359.95
103207	40'	125,000	14'	1,369.95
103208	40'	150,000	15'	1,369.95
103209	40'	175,000	16'	1,369.95

Add N (Natural Gas) or L (Propane) to the end of the STK# to indicate your desired heater type.

Straight Tube Heaters are ideal for complete building heating needs.

TOUGHGUY INFRARED STRAIGHT TUBE HEATERS-SIS SERIES

STK#	TUBE LENGTH	BTU/HR OUTPUT	MIN. MOUNTING HEIGHT	EACH
103192	20'	50,000	11'	$ 945.95
103193	30'	50,000	11'	1,115.95
103194	20'	75,000	13'	945.95
103195	30'	75,000	13'	1,115.95
103196	30'	100,000	14'	1,115.95
103197	40'	100,000	14'	1,285.95
103198	30'	125,000	14'	1,115.95
103199	40'	125,000	14'	1,285.95
103200	40'	150,000	15'	1,285.95
103201	50'	150,000	15'	1,485.95
103202	40'	175,000	16'	1,285.95
103203	50'	175,000	16'	1,485.95

Add N (Natural Gas) or L (Propane) to the end of the STK# to indicate your desired heater type.

109165

109168

109166

112836

SUNSTAR® TUBE HEATER ACCESSORIES

STK#	ITEM	EACH
109164	End Reflector Kit	$26.95
109167	U-Bend Reflector Kit	10.95
109165	Line Pressure Regulator - Up to 2 PSIG	49.95
109166	Line Pressure Regulator - Above 2 PSIG	82.95
109168	Sidewall or Roof Vent Cap	35.95
112836	Combustion Air Cap	49.95

Ideal for work stations, lobby entrances and indoor plants.

- Features a new design with weather-tight electrical enclosure that is covered by an extended heater housing.
- Indoor/Outdoor Rated.
- 60° symmetrical heat pattern.
- Bright aluminum reflector and end caps.
- 6'L, 3-wire (14/3) cord set with plug that can be removed for direct-wire installation
- Quartz tube included.
- Single phase.
- Mounting clearance: 3" from ceiling, 12" from vertical surface, 24" from combustible materials.
- Two 2' mounting chains and four S-hooks included for chain mounting. When suspended by one hole on each end the heater will hang at a 45° angle.

120 V QUARTZ INFRARED SPOT HEATER

STK#	LENGTH	BTU	WATTS	VOLTS	RECOMMENDED MOUNTING HEIGHT	EACH
112921	44.4"	5,120	1,500	120	7'-9'	$415.95
112922	55.4"	10,240	3,000	240	8'-10'	485.95

112921
NEMA 5-15P

112922
NEMA 6-15P

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Combine economy with solid-state circuitry for infinite variable fan speed control.

- Dial with on/off switch gives you full control.
- Securely mounted on sturdy PVC double electrical box.

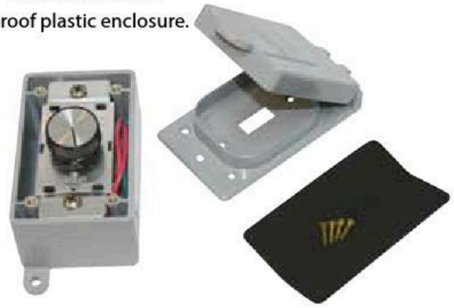
Vari-Speed
HIGH
LOW
OFF
SOLID STATE SPEED CONTROL

SOLID-STATE MANUALVARIABLE SPEED CONTROLLERS

STK#	AMPS	VOLTS	EACH
CR2180	10	120	$ 90.95
CR2182	10	240	94.95
CR2190	15	120	109.95
CR2192	15	240	115.95

An economical manual speed controller for harsh environments.

- Watertight, corrosion-proof plastic enclosure.
- 5 A rating, 120 V only.
- Not for use with motors over 1/4 HP.



MANUAL VARIABLE SPEED CONTROLLER

STK#	EACH
CR2200	$59.95

Customize your ventilation with our manual speed controllers.

HIGH
LOW
OFF
CANARM

CF1842

HIGH
LOW
OFF

CF1844

Vari-Speed
HIGH
LOW
OFF
SOLID STATE SPEED CONTROL

CF1848, CF1850, HA1550, CF1851

MANUAL CEILING FAN CONTROLS

STK#	ITEM	AMPS	VOLTS	# OF FANS PER CONTROL	EACH
CF1842	Solid State Control	3	120	2	$ 23.65
CF1844	Solid State Control	5	120	4	42.95
CF1848	Solid State Control	10	120	8	79.95
CF1850	Solid State Control	10	240	8	84.95
HA1550	Solid State Control	15	120	12	88.95
CF1851	Solid State Control	15	240	12	112.95

Automatic fan speed adjustment to meet varying seasonal conditions.

- Temperature range: 35°F to 95°F.
- Idle speed adjustment: 20% to 75%.
- Not for use with motors over 1/2 HP.
- 8.5 A.
- Does not shut off.

IDLE
65
50
80
35
95
°F
SETPOINT
QUANTEM
AUTOMATIC
FAN SPEED CONTROL

QUANTEM VARIABLE SPEED CONTROLLERS

STK#	VOLTS	EACH
CR2155	240	$165.95
CR2156	120	149.95

Automatic fan control even in moisture-prone conditions.

- NEMA 4X.
- Idle speed adjustment: 25% to 85% and stop.
- Temperature range: 35°F to 95°F.
- 8.5 A full load rating.
- Three-second kick start.
- 120 - 240 V.

QUANTEM VARIABLE SPEED CONTROLLER

STK#	EACH
CR2150	$195.95

Replacement fan blades.

112105/112106/111682

CF1808/ CF1810

112104

3-WING FIBERGLASS REINFORCED POLY FAN BLADES

STK#	SIZE	SHAFT DIA.	MAX. RPM	BLADE PITCH	EACH
CF1808	20"	1/2"-5/8"	1,725	45°	$59.95
CF1810	24"	1/2"-5/8"	1,725	40°	90.95

ALUMINUM REPLACEMENT FAN BLADES

STK#	SIZE	SHAFT DIA.	MAX. RPM	BLADE PITCH	EACH
112104	12"	1/2"	1,725	45°	$23.95

GALVANIZED REPLACEMENT FAN BLADES

STK#	SIZE	SHAFT DIA.	MAX. RPM	BLADE PITCH	# OF BLADES	EACH
112105*	36"	5/8"	650	42°	3	$ 94.95
112106**	36"	1"	825	32°	4	115.95
111682**	48"	1"	760	34°	3	121.95

*Direct Drive. **Belt Drive.

Ideal for all industrial, commercial and residential applications. Choose the 24-hour time control best suited for your needs.

- Type 1 NEMA enclosures are intended for general-purpose indoor use, primarily to provide a degree of protection against contact with the enclosed equipment or locations where unusual service conditions do not exist.
- NEMA 3R enclosures are suited for both indoor and outdoor use and are rain, ice and sleet proof.
- Includes one set of tripper pins. Additional sets are available below.
- Series B1: 1 to 12 "On/Off"operations per day with minimum on/off Times of 1 hour.
- Series B2: With see-thru cover. 1 to 12 "On/Off" with mininum on/off times of 1 hour.
- 96 operations (48 on/48 off) every 24 hours. On/off times of 15 minutes.

B1

B2

B3

24-HOUR TIME CONTROLS

STK#	SERIES	MODEL	SWITCH TYPE	RATING AMP	RATING HP	VOLTS	NEMA ENCLOSURE	EACH
109076	B1	T101	SPST	40	2	125	1	$102.95
109080	B1	T103	DPST	40	2	125	1	117.95
109072	B1	T104	DPST	40	5	208 - 277	1	115.95
109078	B2	T101PCD82	SPST	40	2	125	3R	98.95
109082	B2	T103PCD82	DPST	40	2	125	3R	146.95
109075	B2	T104PCD82	DPST	40	5	208 - 277	3R	156.95
109077	B3	T1905	SPDT	20	1/2	125	1	148.95
109079	B3	T1906	SPDT	20	1/2	208 - 277	1	199.95
109081*	B3	T1975R	SPDT	20	1/2	125	3R	345.95

*With 7-Day Skipper.

Time control made simple.

- Prewired, 24-hour time control, with 1 to 12 ON/OFF operations per day.
- Minimum ON/OFF times of 1 hour.
- Switch type: SPST.
- 15 A, 2 HP, 125 V.
- NEMA 3R enclosure is intended for general purpose indoor use.
- Includes one set of tripper pins.

PREWIRED 24-HOUR TIME CONTROL

STK#	EACH
CR2380	$150.95

NEW The Nelson Dual Outlet Watering Timer simplifies watering and features two valves for increased productivity.

- Programmable timer makes it easy to select start time, frequency and duration of watering up to 360 minutes.
- Designed with safeguard that automatically shuts water off when battery is low.
- Rain delay feature pauses watering schedules to prevent unnecessary watering.
- Requires 2 AA batteries. Sold separately.
- 2-year warranty.

NELSON
12:00

NELSON DUAL OUTLET WATERING TIMER

STK#	EACH
117771	$43.95

24-Hour Electronic Time Switch features flexible, "to-the-minute" scheduling, automatic daylight savings time adjustment and dependable performance for minimized maintenance.

- Holds up to 96 set points or events (49 ON/48 OFF).
- Automatic voltage detection for easy installation.
- Multi-volt operation from 120 - 277 V AC.
- Straightforward 24-hour control, with 7-day operation featuring off-day and holiday exceptions.
- Durable NEMA 3R plastic enclosure with clear cover. Does not have a ground terminal.
- In the event of a power outage, maintains scheduling for 100 hours.

24-HOUR ELECTRONIC TIME SWITCHES WITH SEE-THRU CASE

STK#	MODEL	SWITCH TYPE	CIRCUITS	AMP	HP	EACH
116744	ET2115CP	SPDT	1	30	1 HP/2 HP	$345.95

Trippers and Pins

- For use with our Intermatic® Timers.

109083

109073

TRIPPERS AND PINS

STK#	FOR USE WITH	QUANTITY	EACH
109073	Series B1 & B2	1 ON/1 OFF	$4.95
109083	Series B3	12 Pack Pins	4.95

The King ClearTouch 7-Day Programmable Thermostat is an energy-saving solution that provides highly accurate temperature control for line voltage electric heaters.

- Thermostat allows users to program full 7-day schedule to achieve total temperature control, while also saving up to 28% on heating costs.
- Sleek, modern design includes clear acrylic panel, large LCD backlit display and touch-sensitive buttons, providing ease of use.
- Temperature lock feature enables users to set minimum and maximum temperature limit. Three minute cycle rate reduces temperature swings.
- Includes convenient on/off switch and standby switch, so thermostat can be easily adjusted to meet specific needs.
- Thermostat can operate with maximum wattages of 1800 W at 15 A and 120 V or 3600 W at 15 A and 208 - 240 V.
- Temperature setting range of 41°F to 95°F.
- 1-year limited warranty.

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KING CLEARTOUCH 7-DAY PROGRAMMABLE THERMOSTAT

STK#	EACH
118689	$111.95

Corrosive Environment 2-Stage, 2-Speed Thermostat

- Designed for use with 2-speed fans.
- Can be used to automatically open motorized louvers before turning on an exhaust fan.
- Switch has two sets of SPDT contacts: 12 A at 120 V and 10 A at 240 V.
- Stainless steel spiral bulk sensor, with a 40°F-100°F (5°C-40°C) set temperature range.
- Differential: 6°F between stages, on/off 5°F minimum.
- NEMA 4X watertight enclosure.

NEMA 4X STAGE/SPEED THERMOSTAT

STK#	EACH	20 & UP
CR2031	$115.95	$109.95

Extra-long sensing coil provides accurate control of all your devices.

- 5' stainless steel remote tube with 6" nickel-plated sensor.
- 120 - 240 V, SPDT, 12 FLA at 120 V.
- NEMA 4 watertight enclosure.
- 40°F to 100°F (5°C to 40°C) temperature range.

WATERTIGHT THERMOSTAT WITH REMOTE TUBE SENSOR

STK#	EACH	20 & UP
CR2147	$85.95	$82.95

Control two environmental devices from one station.

- 120 - 240 V AC.
- FLA (inductive): 12/10.
- Two separate thermostats in one housing.
- Stainless steel spiral sensors.
- Set range, 50°F to100°F(5°C to 40°C) with a differential of 2.5°F.

NEMA 4X DOUBLE THERMOSTAT

STK#	EACH	20 & UP
CR2149	$125.95	$120.95

Clear flip cover keeps dial clean and easy to read.

- Controls heating or cooling from 30°F to 110°F.
- Stainless steel coil calibrated for accuracy.
- Dual voltage: 16 FLA at 120 V, 8 FLA at 240 V.
- Waterproof enclosure with clear flip cover.

NEMA 4 THERMOSTAT

STK#	EACH	20 & UP
CR2095	$55.95	$49.95

The Series TSW Weatherproof Digital Temperature Switch ensures precision readings for superior environmental control.

- Durable construction combined with weatherproof housing makes this instrument an ideal option for indoor and outdoor applications.
- Unit features a temperature range of -58°F to 302°F and includes temperature probe.
- Thermostat ensures accurate readings for control of heaters, fans and more.
- Easy to install and integrate in operations.
- Bright easy to read, LED display shows current output status and temperature.
- Unit features multiple conduit knockouts to give options for ideal conduit entry placement.
- Single stage unit.
- Enclosure temperature limit is 32˚F to 104˚F.

SERIES TSW WEATHERPROOF DIGITAL TEMPERATURE SWITCH

STK#	EACH
115456	$119.95

This completely watertight unit provides precise, automatic control of your heating, cooling and ventilation systems.

- Temperature range: 30°F to 110°F.
- Includes 8' cord for hanging where you want it.
- Clear flip cover keeps dial clean and easy to read.
- Stainless steel sensing coil.
- Dual voltage: 16 FLA at 120 V, 8 FLA at 240 V.
- Cord is wired for 120 V.

PORTABLE WATERPROOF PREWIRED THERMOSTAT

STK#	EACH
CR2045	$86.95

Corrosive Environment Curtain Controller Thermostat

- Two-stage thermostat with a "rest" position.
- Designed to be used to control curtain/inlet actuators as temperature changes.
- Five minute cycle timer may enhance operation. Simply time the power to the unit.
- Switch has two sets of SPDT contacts:12 A at 120 V and 10 A at 240 V.
- Stainless steel spiral bulb sensor, with a 40°F to 100°F (5°F to 40°C) set temperature range.
- Differential: 6°F between stages, on/off 5°F minimum.
- NEMA 4X watertight enclosure.

NEMA 4X CURTAIN CONTROLLER THERMOSTAT

STK#	EACH
CR2041	$115.95

Prewired thermostat ensures accurate soil and temperature control.

- Ideal for controlling soil heat cables.
- Waterproof enclosure with 8' power cord and 5' temperature sensor.
- 1,400 W.
- 12 FLA at 120 V.
- 40°F to 100˚F temperature range.

WATERPROOF PORTABLE THERMOSTAT WITH REMOTE TUBE SENSOR

STK#	EACH
104280	$109.95

Precise cycle timing saves energy costs and improves heating and cooling.

- Totally electronic control from 0 to 60 minutes.
- Most accurate percentage timer on the market.
- NEMA 4X polycarbonate waterproof enclosure can be used in harsh agricultural environments as well as outdoors.
- 30 A.
- Can be used to control fans, heaters, misters and any device required to cycle on and off.
- 50/60 Hz.
- Prewired Electronic Percentage Timer comes complete with our Cooper Arrow Hart AutoGrip corrosion-resistant plug and connector.

109646

102719

ELECTRONIC PERCENTAGE TIMER

STK#	VOLTS	EACH	6 & UP
102719	120 - 240	$129.95	$125.95

PREWIRED ELECTRONIC PERCENTAGE TIMER

STK#	VOLTS	EACH	6 & UP
109646	120	$144.95	$139.95

Heavy Duty Indoor Digital Timer offers flexible setting options and worry-free operation.

- Automatic internal clock with battery backup and low-battery indicator. Timer will automatically adjust for Daylight Savings Time and changing dawn and dusk times for specific locations.
- Random setting turns lights on and off at different times for added security.
- LED display that lists time of day, day of week, events, modes and output status indicator.
- Input: 60 Hz, 102 - 132 V AC and 2.5 W max.
- Output: 15 A, 1,800 W resistive and inductive, 1,000 W tungsten, 1/3 HP.
- Two LR44 batteries included. Also includes two grounded receptacles and grounded plug.
- Twenty-eight on/off settings.
- Manufacturer's limited one year warranty.

12:04
MODE
PROG
ON/OFF

HEAVY DUTY DIGITAL TIMER

STK#	EACH
112531	$60.95

Automatically control your humidity levels.

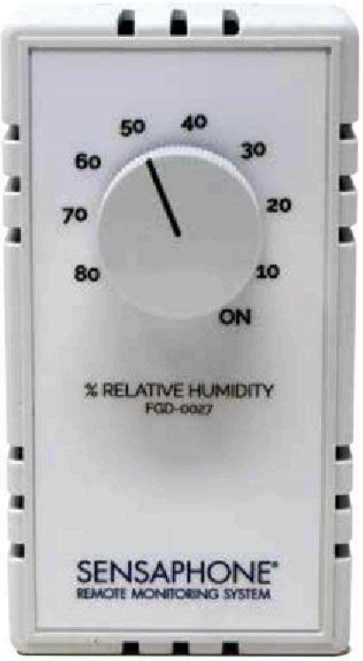
- Range: 20% RH to 80% RH.
- Differential: 8% RH Maximum.
- Made of impact resistant thermoplastic.
- Color: White with dark characters.
- Contacts close upon decrease in relative humidity.
- Load rating at 120 V AC.

PREWIRED HUMIDISTAT

STK#	SWITCH	FLA	LRA	EACH
104300	SPST	7.5	4.5	$119.00

The Humidity Sensor is ideal for controlling humidification equipment.

- Sensor can be used with all Sensaphone models to accurately detect a high or low humidity level.
- When the humidity level reaches a user-set threshold, this device causes your Sensaphone to activate an alarm.
- Range: 10% RH to 80% RH.
- Made of high impact white plastic.
- Hardwired connection.
- Multiple sensors may be wired to a single input.
- Operates in temperatures from 32°F to 95°F.



HUMIDITY SENSOR

STK#	EACH
117468	$55.00

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

The Sensaphone® Sentinel Monitoring System is a reliable, cloud-based greenhouse monitoring solution that allows you to check on environmental and equipment status conditions from almost anywhere.

- Supervised internet connection ensures system is online and collecting data at all times, providing peace of mind.
- Can notify unlimited number of people by e-mail, text message or voice phone call in the event of an alarm.
- Simple, but powerful, web-based interface helps with managing multiple units, making programming changes and accessing status conditions.
- Accommodates up to twelve external sensors for reading temperature, humidity, power failure and more.
- Store sensor readings in "the cloud" to automatically protect against data loss and provide limitless information storage.
- Available with cellular modem (117890 – 117895) for use in locations where ethernet connection is unavailable.
- Offered with NEMA-4X weatherproof enclosures (117886 – 117895) for installation in wet or dirty environments.
- Temperature sensing range of -109°F to 168°F.
- Optional cloud-based subscription service sold separately through Sensaphone®. Available in monthly or yearly options.

SENSAPHONE
SENTINEL
CLOUD-BASED MONITORING
ACKNOWLEDGE / STANDBY
ON
OFF
POWER
ONLINE
STANDBY
ALARMS
POWER
ETHERNET

SENSAPHONE® SENTINEL MONITORING SYSTEM

STK#	ENCLOSURE DOOR	CELLULAR SERVICE PROVIDER	EACH
117884	-	-	$615.00
117885*	-	-	635.00
117886	Clear	-	829.00
117887*	Clear	-	855.00
117888	Solid	-	829.00
117889*	Solid	-	855.00
117890	Clear	AT&T	$1,735.00
117891	Solid	AT&T	1,735.00
117892	Clear	Verizon	1,735.00
117893	Solid	Verizon	1,735.00
117894	Clear	Rodgers	1,735.00
117895	Solid	Rodgers	1,735.00

*Includes international power adapter.

Phason Controllers offer the latest technology for controlling the environment in your greenhouse or barn.

- Rugged and reliable controllers are ideal for a variety of applications, including heating, cooling, automatic curtain systems and more.
- All Phason Controllers are CSA certified, water and corrosion resistant and come with a 2 year warranty.

FC-1VAC Manual Speed Control (118014)

- This inexpensive controller makes it easy to manually adjust speed of ventilation and heating equipment.
- Can also be used as light dimmer for brooder heat lamps and can power up to five 250 W lamps.
- Controller features convenient on/off switch and dial for adjusting between high and low settings.
- Employs fire-retardant, corrosion and water-resistant NEMA 4X enclosure.
- Designed with overload protection fuse.
- 9 FLA at 120 - 230 V AC, PSC motor.

FC-1T-1VAC Variable Fan Control (117839)

- This simple and effective controller ensures reliable performance in poultry, livestock, greenhouse or light industrial building applications.
- 7 FLA at 120 - 230 V AC, PSC motor.
- Adjustable temperature set point from 40 to 90°F.
- Offers fixed 6°F temperature differential.
- Automatic shut-off and idle modes help maintain desired temperature and save energy.
- Includes 1' temperature sensor that's extendable up to 500'.
- NEMA 4X enclosure is fire-retardant and corrosion and water-resistant.

118014

117839

PHASON CONTROLS

STK#	ITEM	EACH
118014	FC-1VAC Manual Speed Control	$247.50
117839	FC-1T-1VAC Variable Fan Control	287.10

Developed especially for hanging from brooder stoves in poultry house applications or anywhere a thermometer is needed.

- Manufactured from thermoplastics for corrosion resistance and durability.
- Large, easy-to-read scale.
- Convenient hanging hole provided. Can also be surface mounted.
- Size: 6" x 2".
- Range: -20°F to 120°F (-30°C to 50°C).

6" HANGING THERMOMETER

STK#	EACH	100 & UP
CA1080	$4.89	$4.75

Read room temperature and relative humidity from a distance.

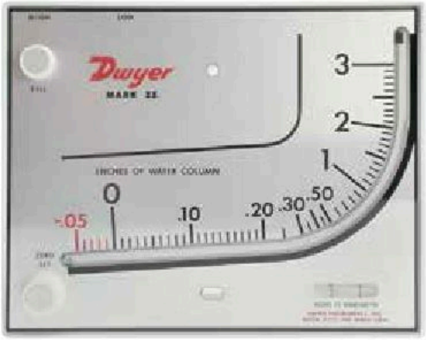
- Records min/max temp. and humidity.
- ˚F/˚C switchable.
- Can be wall mounted or used as a desktop unit.
- Uses one AAA battery.

DIGITAL THERMOMETER/HYGROMETER

STK#	EACH
115243	$19.95

Dwyer® Manometer reduces cost, maximizes ventilation and improves animal health.

- Dwyer® Mark II Manometer has a curved, inclined vertical tube that provides higher ranges with more easily read increments at low readings.
- Portable and compact, can be moved anywhere.
- Manufactured from indestructible molded white styrene.



DWYER® MARK II MANOMETER

STK#	EACH
102913	$109.95

Measure wind speed, air velocity, temperature, humidity and light intensity with this all-in-one pocket meter.

- Ideal for factory, commercial and industrial buildings, marine activities, crop dusting, fire fighting, mining ventilation, education, animal husbandry, agriculture, horticulture, weather studies, environmentalists, and more.
- Easy-to-use, 6-button touch pad.
- Anemometer function measures air velocity in ft/min,m/s, km/h and knots.
- Ensure safe temperature, lighting and ventilation of livestock enclosures.
- Measures relative humidity from 10% to 80%.
- Light sensor measures from 0 Lux. to 20,000 Lux.
- Measures temperature from 32°F to 122°F (0°C to 50°C).
- Size: 6.14" x 2.36" x 1.29".
- Requires 9 V Heavy Duty battery, not included.

FARMTEK® POCKET WIND/ WEATHER/LIGHT METER

STK#	EACH
103868	$171.95

Infrared laser technology is quick, easy and accurate. Just point and shoot.

- Lightweight, pocket-sized and easy to use.
- Laser and LCD backlight function.
- Easily select operating modes or adjust parameters.
- Fixed emissivity range: 0.95.
- ˚F/˚C switchable.
- Measurement range: -76˚F to 932˚F (-60˚C to 500˚C).
- Distance: 12:1.
- Requires 2 AAA batteries, included.
- Comes complete with belt-looped carrying case.

INFRARED THERMOMETER WITH LASER

STK#	EACH
107996	$92.95

Measures air, water and surface temperature easily.

- Data hold feature.
- °F/°C switchable.
- Temperature range: -40°F to 300°F (-40˚C to 149˚C).
- On/off switch.
- Auto power off.
- Min/max temperature feature.
- Pocket clip and protective cover included.
- Water resistant.
- Probe length: 5".

DIGITAL POCKET THERMOMETER

STK#	EACH
102449	$18.35

Wired Mini Digital Panel Meter

- Large, clear display.
- Easy panel mounting.
- °F/°C switchable.
- Temperature range: -58°F to 392°F (-50°C to 200°C).
- Waterproof sensor has a 3.28' long wire and a 1.4" long stainless steel probe.
- 1.5 V battery included.

MINI DIGITAL PANEL METER

STK#	EACH
109747	$18.49

Large dial with bold, easy-to-read numerals.

- Clearly marked scales and large, tapered, red pointer.
- Measures up to 140°F accurately.

12" WHITE EXTREME HEAT THERMOMETER

STK#	EACH
CA1165	$15.65

La Crosse Technology Weather Stations allow you to stay on top of your work or business by providing detailed and essential weather information.

- Portable, compact stations fit just about anywhere.
- Clear, functional design with easy-to-read digital display.

Wireless Thermometer (116185)

- Displays indoor and outdoor temperature in Fahrenheit and Celsius and indoor humidity.
- Records HI/LO temperatures.
- Shows temperature trend indicators with time.
- Hang on a wall or leave freestanding.
- Features both a signal strength indicator and low battery notification.

116185

Digital Rain Gauge (118068)

- Dynamic, wireless rain station monitors temperature and humidity and can track over a year of rainfall records, allowing for more informed decision-making when watering lawn or garden.
- Designed with self-emptying rain bucket for labor-free tracking from the comfort of the indoors. After a certain amount of rainfall, bucket tips over and empties, then sends data to rain gauge to be displayed.
- Gauge offers customizable rain alerts and unique feature that visually represents elapsed time between rainfall.
- Rainfall readings include current, 1-hour, 24-hour, 7-day, month, year and total rainfall amounts.
- Rain bucket and included temperature sensor have transmission range of up to 330'.
- System has indoor temperature range of 32°F to 122°F (0°C to 50°C) and outdoor temperature range of -40°F to 140°F (-40°C to 60°C).
- Sleek, backlit digital display is easy to read and utilizes auto-dim feature that extends battery life.
- Signal strength and low battery indicators allow for easy maintenance of the entire system.

118068

WEATHER STATIONS

STK#	ITEM	EACH
116185	Wireless Thermometer	$ 19.55
118068	Digital Rain Gauge	47.95
113876	Wireless Weather Station	47.95
117165	Professional Weather Center	181.95

Wireless Weather Station (113876)

- Indoor and outdoor temperature and humidity readings, as well as minimum and maximum records for both.
- Programmable temperature alerts.
- Displays six moon phases.
- Features a 12 and 24 hour time display and calendar.
- Alarm with snooze.
- Sensor signal strength indicator.
- Low-battery indicator.

113876

Professional Weather Center (117165)

- Displays hourly and daily forecast with six dynamic color icons.
- Temperature and humidity readings with customizable alerts and Hi/Lo records with time stamps. Indoor temperature range of 32°F - 99°F (0°C - 37°C), outdoor temperature range of -40°F - 140°F (-40°C - 60°C) and an indoor/outdoor humidity range of 10% - 99%.
- Features a wind sensor with a range of 0 mph to 111.8 mph (0-180 kph).
- Rain sensor reads accumulation from 0" – 393.6" (0-9,999.99 mm).
- Displays foliage changes seasonally.
- Features 12/24 hour time settings, a calendar that displays day, month, date and year, as well as a full day of the week display.
- Transmission can reach up to 400'.
- Station displays have 5 levels of adjustable backlight and programmable auto dim.
- Sensor and Wi-Fi connection indicator.
- Comes with full range adjustable kickstand, but can also be hung.
- Low battery indicator.

117165

Dual display shows temperature and humidity readings instantly.

- Displays high, low or current temperatures, with minimum and maximum reading memories.
- °F/°C switchable.
- Measuring range: 32°F to 122°F (0°C to 50°C).
- Displays relative humidity from 20% to 99%.
- Features mounting keyhole, foldaway stand and Velcro strip.
- Requires one AAA battery, included.

MINI DIGITAL TEMPERATURE AND HUMIDITY METER

STK#	EACH
102447G	$34.45

Compost Thermometers, each with easy-to-read 3" dial, are hermetically sealed and recalibratable.

- Choose 18" or 36" stem x 0.375" diameter.
- Range: 0°F to 200°F.
- 304 stainless steel external parts.
- Acrylic window.
- Features pointed tip for easy insertion.
- 1/2" NPT connection.
- For effortless insertion, we recommend the optional compost thermometer handle. Handle is detachable and threaded to fit 1/2" NPT male connection.

COMPOST THERMOMETERS

STK#	ITEM	EACH
112095	36" Compost Thermometer	$135.95
112096	Handle for Thermometers	59.95

112096 shown with 112095

112095

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Be prepared for all types of weather.

- Stores both minimum and maximum temperatures.
- Desktop or wall mount.
- °F/°C switchable.
- Indoor temperature range: -4°F to 158°F (-20°C to 70°C).
- Outdoor temperature range: -58°F to 158°F (-50°C to 70°C).
- AAA battery included.
- Size: 4" x 2-1/2".

OUTDOOR/INDOOR MIN/MAX TEMPERATURE STATION

STK#	EACH
112822	$19.95

Provide maximum comfort year round in your barns, greenhouses, car washes and factories with our energy-efficient 60" Heavy Duty Indoor/Outdoor Fan.

- Ideal for humid or wet environments, this fan features a corrosion-resistant finish, fully sealed motor and is UL approved for agricultural and outdoor use, and UL507 wet listed.
- Simply slide switch to change between up and down draft airflow. Use all year long to save on heating and cooling bills and to reduce condensation.
- Fan is variable-speed capable. Single fan controller included.
- Downrod length: 18".
- Comes complete with 16" cord and grounded 3-prong plug.
- 115 V (wired), 1.2 A, 60 Hz, 110 W. Single phase.
- Limited lifetime warranty on motor and 1 year warranty on parts.

60" HEAVY DUTY INDOOR/OUTDOOR FAN

STK#	MAX. RPM	AIR VELOCITY @ MAX. RPM	AIR DELIVERY @ MAX. RPM	FLOOR AREA COVERED	EACH	4 & UP
111516	300	3,039.45 ft./min.	9,999 CFM	400 sq. ft.	$169.95	$165.95

Our DC Industrial Ceiling Fans are ideally suited for circulating air in industrial and commercial applications, while helping save energy year-round.

- Cutting edge technology DC motor.
- Up to 70% more energy efficient.
- 5-speed with forward and reverse.
- Extremely quiet.
- Extended motor life. 10 year warranty.
- Faster startup, stop, change speeds and reversing.
- Easy to install. 50% less weight.
- NRCAN and DOE compliant for Canada and the USA.

NOTE: In order to operate on AC power, DC industrial fans MUST be installed with our wall control sold separately below (117193). Install up to 5 fans per wall control.

117193

117190

DC HIGH PERFORMANCE INDUSTRIAL CEILING FANS WALL CONTROL

STK#	EACH
117193	$29.95

DC INDUSTRIAL CEILING FANS

STK#	SIZE	WEATHER PROOF	CFM	CFM/W	VOLTAGE	DOWNROD LENGTH	EACH	4 & UP
117194	48"	NO	7370	211	120	16"	$116.95	$109.95
117190	48"	YES	7370	211	120	16"	100.95	95.95
117195	56"	NO	8449	244	120	16"	120.95	115.95
117191	56"	YES	8449	244	120	16"	125.95	119.95
117196	56"	NO	8449	244	120	36"	125.95	119.95
117192	60"	YES	8944	259	120	16"	215.95	209.95

Multifan Horizontal Circulation Fans feature a compact design and offer a quiet, energy-efficient solution to indoor climate control.

- These effective HAF fans can deliver powerful air circulation on their own or be positioned one after the other to efficiently mix air over long distances.
- Ideal for greenhouses, barns, industrial facilities and more.
- Convenient design allows for easy poly air tube attachment and includes prepared suspension points for simplified installation.
- Fans are constructed from high-quality, corrosion-resistant materials to increase longevity and reliability in harsher environments.
- IP55 motor rating ensures water and dust resistance.
- UL rated for safety and quality assurance.
- 230 V fans (118771 & 118773) must be hardwired. 115 V fans (118772 & 118774) come with 9' power cord.
- Our hanging brackets are recommended for fan installation, sold separately.

MULTIFAN HORIZONTAL CIRCULATION FANS

STK#	SIZE	CFM	RPM	VOLTAGE	EACH
118771	18"	4000	1725	230	$725.00
118772	18"	3975	1720	115	765.00
118773	18"	4600	1645	230	778.00
118774	18"	4525	1645	115	813.00

118771 Front

118771 Back

Tri-Lite HVLS Fans are designed for industrial settings, and the high volume and low speed create a comfortable, enjoyable environment.

- HVLS Fans utilize Tubercle Technology™, which out performs traditional fans by providing stall angles as high as 22°, eliminating span-wise pumping, preventing tip stalling and cutting out unnecessary noise.
- Cost-effective unit limits power consumption.
- 3-blade design minimizes weight and maximizes efficiency.
- Features a reversible motor for updraft or downdraft.
- The 16' unit (116971) has a 1 HP motor that uses 368 W and has an area of influence of 60' diameter. The blades rotate at 68 RPM and provide 392 CFM/W.
- The 24' unit (116986) has a 1 HP motor that uses 621 W and has an area of influence of 140' diameter. The blades rotate at 57 RPM and provide 523 CFM/W.
- A Lenze Series Variable Frequency Multi-Function Micro Drive is required for the Tri-Lite HVLS Fans. They're available for 16' fans (118558) or 24' fans (118559) and have a simple user interface that provides performance and flexibility. With 16 programmable segments, auto tuning and impressive low-speed operation, these are the perfect VFDs.
- The Extension Rod (113884) allows fans to be dropped down an extra 4', and the Low-Voltage Controller (113885) provides easy and convenient control.

TRI-LITE HVLS FANS AND ACCESSORIES

STK#	ITEM	EACH	4 & UP
116971	16' Fan	$5,195.00	$4,985.00
116986	24' Fan	5,795.00	5,565.00
118558	16' Fan VFD	619.00	–
118559	24' Fan VFD	655.00	–
113884	4' Extension Rod	159.00	–
113885	Low Voltage Controller	869.00	–

113885

118558/118559

113884

116971

FANBOS HVLS Fans provide effective air circulation in workshop and warehouse applications, while also helping you save energy year-round.

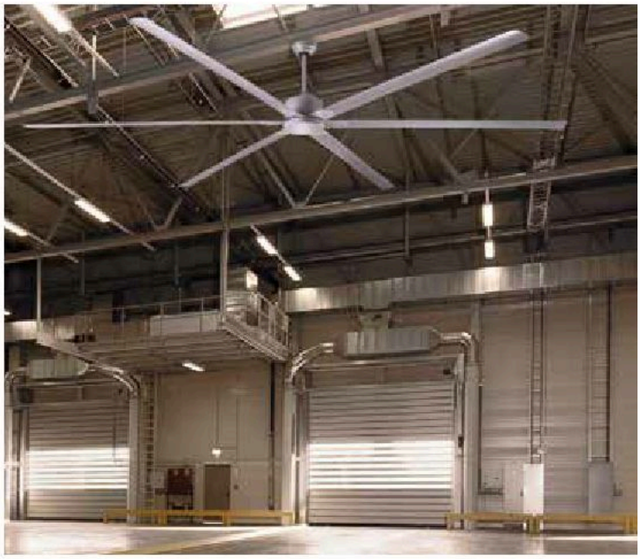
- These high volume, low speed fans blanket large area by constantly moving air, creating expansive comfort zone.
- Six contoured aluminum airfoils produce maximum air movement.
- Choose between 5 speeds and forward or reverse with wall-mountable remote control. One remote can control multiple fans within 50'.
- 1/4" powder-coated steel and anodized aluminum chassis resists rusting and corrosion, even in cold and damp environments.
- DC motor ensures quiet performance and low operating cost.
- High speed CFM rating is 20,693.
- 120 V.
- Fans include 12" downrod mount. Longer 24" downrod (117897) available for use in buildings with higher clearances.
- Outfit fans with 1000 lumen, white LED light kit (117898) for additional lighting in warehouse or workshop.

FANBOS HVLS FANS AND ACCESSORIES

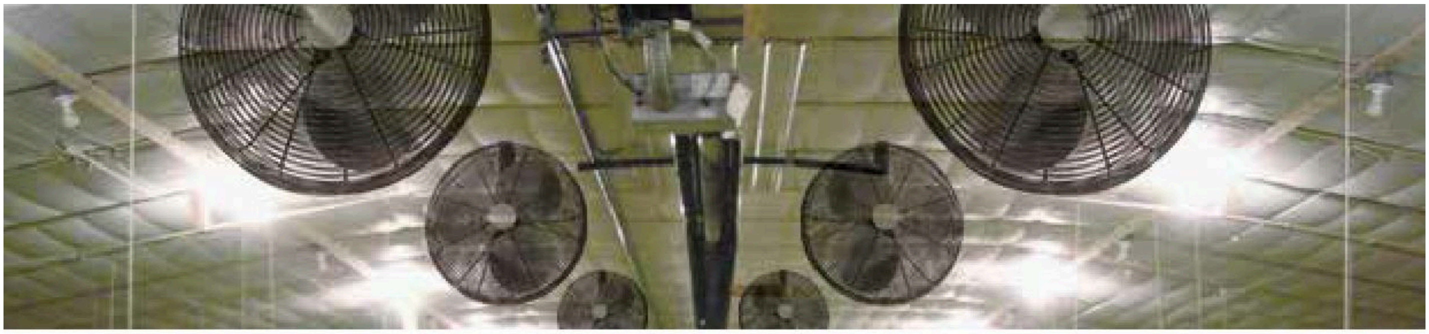
STK#	ITEM	EACH
117896	FANBOS HVLS Fan	$769.95
117897	FANBOS 24" Downrod	34.95
117898	FANBOS Fan Light Kit	44.95

117898

117897

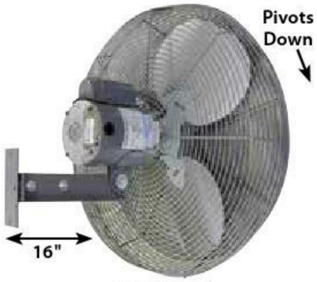


WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

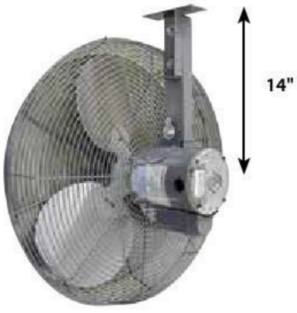


High-efficiency air circulating fans quietly cool your livestock. Ideal for industrial and warehouse facilities.

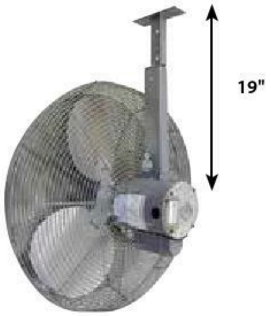
- Powder-coated steel guards are polyester bonded.
- Versatile mounting system included, pivots 180°.
- 36" fans have corrosion-resistant steel blades, are UL approved to OSHA safety standards and are single speed.
- Totally enclosed motor, with automatic thermal overload protection.
- 105538 includes 6' cord. All others do not include a power supply cord. We recommend our Pig Tail Power Supply Cords sold separately.
- Some assembly required.
- 105538 and 105539 can only be ceiling mounted.



Wall Mount



Ceiling Mount



Ceiling Mount Extended

Ceiling Mount Overhead Joist

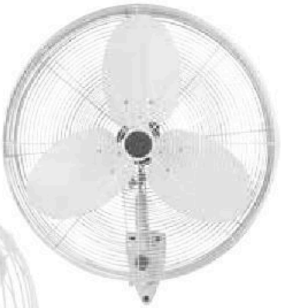
VALUTEK™ INDUSTRIAL AND BARN CIRCULATING FANS

STK#	SIZE	GUARD DIA.	HP	AMPS	CFM	PHASE	VOLTS	EACH	4 & UP
111938	20"	21.75"	1/3	3.5/1.7	5,300	1	115 - 230	$199.00	$189.00
111942	24"	25.75"	1/2	4.6/2.3	7,300	1	115 - 230	235.00	225.00
111945	30"	33.50"	1/2	5.2/2.6	9,600	1	115 - 230	295.00	279.00
105538	36"	40.50"	1/2	7.0/3.5	13,200	1	115 - 230	435.00	419.00
105539	36"	40.50"	1/2	2.6/1.3	13,500	3	230 - 460	415.00	399.00

Corrosion-resistant fans are ideal for wash down areas, livestock and poultry operations, horse barns and riding arenas, greenhouses, garages and warehouses.

- High velocity, indoor/outdoor fans circulate large volumes of air.
- Completely sealed motor is outdoor UL507 listed, the highest standard available today. Tested and rated for use with misting and fogging rings for both indoor and outdoor use.
- UL approved to the OSHA safety standard, except 111088, which has an open-style guard. 111088 must be mounted at least 7' above the ground.
- 3-speed, completely sealed and permanently lubricated ball bearings with thermal overload protection.
- Exposed screws and fasteners are stainless steel.
- 3-wing aluminum blades.
- Direct drive. Single phase. 120 V. 60 Hz.
- Comes complete with cord, plug and 2' pull chain.

106569/106572



106570/106571

111088

VALUTEK™ CORROSION-RESISTANT FANS

STK#	SIZE	STYLE	CORD LENGTH	HP	CFM RATING HIGH	CFM RATING MED	CFM RATING LOW	EACH	4 & UP
106569	14"	Wall/Ceiling Mount	9'	1/16	2,473	1,996	1,452	$159.95	$149.95
106572	18"	Wall/Ceiling Mount	9'	1/6	6,610	5,842	5,275	165.95	155.95
111088*	18"	Wall Mount	9'	1/8	6,464	5,120	4,095	165.95	155.95
106570	24"	Wall Mount	10'	1/4	9,541	8,445	5,664	169.95	159.95
106571	30"	Wall Mount	10'	1/4	10,247	8,953	5,825	175.95	165.95

*Open-style guard.

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Multifan Panel Fans are ideal for agricultural and industrial applications, providing exceptional air circulation and heat dissipation in even the harshest environments.

- These panel fans employ a durable design that allows for long-term operation in high-moisture, corrosive and wet environments.
- Motor is completely enclosed in aluminum and internal components are protected to Class-F, making fans suitable for use in ambient temperatures up to 140°F.
- IP55 enclosure offers dust, dirt and water resistance.
- Lightweight polypropylene impeller reduces wear on motor components to extend fan life cycle.
- Panel fans either have a back guard (117744) or both front and back guard (117745).
- Fan controller (117746) features a toggle switch to select between manual or automatic mode for easy and convenient control. Sold separately below.
- Mounting bracket for easy fan installation, sold separately.

MULTIFAN PANEL FANS

STK#	SIZE	CFM	RPM	VOLTAGE	EACH
117744	14"	2150	1645	240	$525.00
117745	14"	2150	1645	240	559.00

MULTIFAN PANEL FAN ACCESSORIES

STK#	ITEM	EACH
117746	Panel Fan Controller	$675.00
117329AME350	Panel Fan Mounting Bracket	89.95

117746

117329AME350

The V-Flo Fan ensures excellent air distribution, but sets itself apart from other fans with some unique features.

- Special conical outlet is aerodynamically shaped to provide superior airflow and distribution.
- When compared to traditional fans, fewer V-Flos are required to evenly distribute air through the greenhouse or grow room.
- Creates a constant low airspeed and microclimate at the plant level.
- Helps control greenhouse humidity.
- The vertical airflow that V-Flow Fans provide helps operations reduce energy costs.
- Installation is easy with the V-Flo Hanging Set (116425).
- 120 V fan comes with a pre-wired cord, 240 V does not have a cord.

116425

116423 w/ 116425

V-FLO FANS

STK#	VOLTS	AMP	NOMINAL RPM	CFM	EACH
116423	120	2.0	1140	3050	$659.95
116424	240	0.9	1130	3050	629.95

V-FLO HANGING SET

STK#	EACH
116425	$65.95

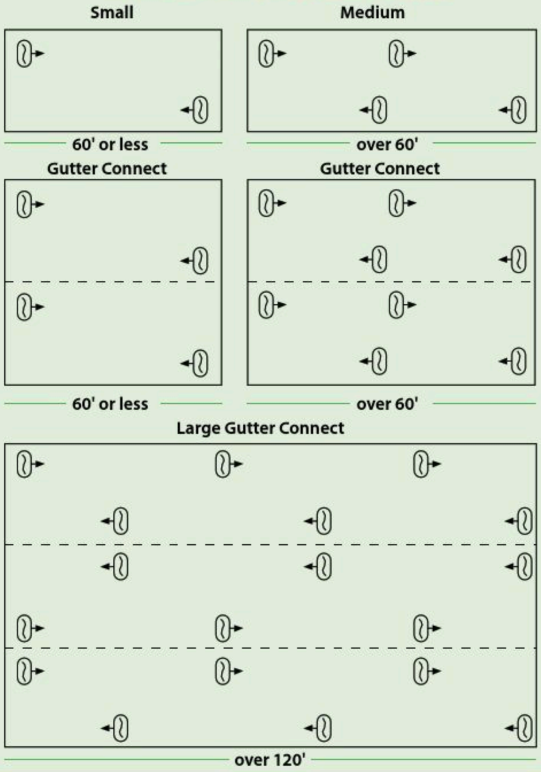
Improve growing conditions with a constant, gentle airflow around plants, reducing disease and mildew.

- Can be run variable speed with one of our auto or manual speed controls.
- OSHA-approved white guards are polyester bonded, powder coated for long life.
- Manufactured with 115V totally enclosed motor.
- Equipped with swivel mounting bracket and 9 ft. cord with 3-prong plug for fast, easy installation.
- 1/10 HP, 1.0/0.5 A.
- Fans can be rewired to run at 230V.
- Safe for higher ambient temperatures.
- Some assembly required.

VALUTEK™ HORIZONTAL AIRFLOW FANS

STK#	SIZE	CFM @ 0"SP	EACH	4 & UP
111933	12"	1,500	$135.95	$129.95
111939	20"	3,300	149.95	145.95

SUGGESTED PLACEMENT OF VALUTEK™ HAF FANS IN SINGLE AND MULTIPLE GREENHOUSES



High-volume air flow and a wider air pattern make these fans ideal for poultry and dairy operations, warehouses and industrial applications.

- Fewer fans required means lowered energy costs.
- Maximum effectiveness in cooling both people and machinery in warehouses, keeping productivity levels high.
- One-piece, black polyethylene housing with UV inhibitors has long life.
- Easy to clean, and no corners mean no disease buildup.
- Heavy Duty, powder-coated, corrosion-resistant, multi-position support bracket, motor mount and OSHA guard.
- 3-winged, galvanized blades.
- UL-recognized, totally enclosed, maintenance-free, direct-drive, high-efficiency motors have completely sealed ball bearings, automatic thermal-overload protection and a 2 year warranty.
- Single speed, 1/2 HP, 14,300 CFM.
- Hanging bracket not included.
- Fan includes Multi-Position Hanging Bracket as shown.
- An optional Post Mount Bracket is available, ask your Account Manager for details.

36" VALUTEK™ CHILLER DRUM FANS

STK#	PHASE	VOLTS	AMPS	EACH	4 & UP
105536	1	115 - 230	7.0/3.5	$707.95	$695.95

Portable, powerful 24" Direct Drive Drum Fan is ideal for warehouses, barns, shops and garages, manufacturing facilities and greenhouses.

- All-metal construction in gray finish.
- Ergonomic tilt adjustment knobs.
- Large wheels and handles offer ease of mobility.
- Aluminum blade increases airflow and prolongs motor life.
- 2-speed rotary control.
- Completely sealed motor ensures quiet operation and long life.
- 1/6 HP. 120 V.
- 9' cord with grounded 3-prong plug.
- UL approved to the OSHA safety standards.

VALUTEK™ PORTABLE DRUM FAN

	CFM RATING			
STK#	HIGH	LOW	EACH	4 & UP
105527	7,200	5,500	$209.95	$201.95

Circulate large volumes of air.

- Ideal for home, business, garages, barns, hobby greenhouses and workshops.
- Powerful 3-speed fans with commercial-grade motors keep you cool and comfortable.
- 101478 and 101480 come complete with 6' cord. 112092 includes a 10' cord.

101480

112092

VALUTEK™ 3-SPEED FANS

				CFM RATING				
STK#	SIZE	TYPE	HP	HIGH	MED	LOW	EACH	4 & UP
101478	12"	Floor	1/14	2,200	1,400	1,250	$ 58.95	$ 56.95
101480	20"	Floor	2/11	5,827	5,488	3,997	90.95	87.95
112092	20"	Wall Mount	1/8	6,289	5,618	4,664	109.95	105.95

The ValuTek 50" Belt Drive Panel Fan is designed to ensure superior performance and longevity.

- This fan is a great option for any agricultural or horticultural application.
- Promotes proper air exchange, consistent temperatures, reduced heat stress and maximum airflow.
- Designed with an x-frame mount. The frame has been triple galvanized to provide optimal support and strength, while also reducing vibration.
- Completely enclosed, maintenance-free motor comes with a two year warranty.
- The high-output, galvanized blades are made from cast aluminum and feature a lifetime warranty.
- Shaft bearings are rubber mounted, pre lubricated and permanently sealed for smooth operation.
- Features an auto-belt tensioner to reduce bounce at startup and further promote a long life.

VALUTEK 50" BELT DRIVE PANEL FAN

STK#	PHASE	VOLTS	CFM	AMPS	EACH	4 & UP
115451	1	115 - 230	22,300	8.6/4.3	$1,865.00	$1,789.00
107646	Panel Fan Mounting Bracket			–	115.95	–

Powerful combo air circulation fan keeps you, the workplace or the greenhouse cool and comfortable. Can either be hung or used as a floor fan.

- ValuTek™ 3-speed combo fan comes complete with floor stand and 5' chain and S-hooks for easy hanging. You choose the best method for your needs.
- Commercial-grade motor is engineered to use less current.
- 6' cord included.

VALUTEK™ COMBO AIR CIRCULATION FANS

				CFM RATING			
STK#	SIZE	HP	HIGH	MED	LOW	EACH	4 & UP
103693	12"	1/14	2,200	1,400	1,250	$67.95	$65.95
103695	20"	2/11	5,827	5,488	3,997	96.95	92.95

NEW ClearSpan Vent Hoods are designed to help protect your fans and shutters from inclement weather, direct winds, birds and other pests.

- This 20-gauge, galvanized steel vent hood can be utilized for either exhaust or intake applications and is ideal for use on GrowSpan Greenhouses, ClearSpan Structures and more.
- Equipped with galvanized, expanded metal bird screen to ensure birds and other pests are unable to enter structure.
- Pre-drilled holes allow for simplified assembly of pop-riveted components, while external mounting flanges provide ease of installation.
- Vent hoods come unassembled.

CLEARSPAN VENT HOODS

STK#	FITS SIZE SHUTTERS & FANS	EACH
118586	14"	$ 79.00
118587	17"	105.00
118588	20"	129.00
118589	22"	145.00
118590	25"	175.00
118591	28"	239.00
118592	30"	295.00
118593	37"	369.00
118594	43"	465.00
118595	49"	579.00
118596	55"	635.00

These versatile and dependable fans are energy efficient and offer corrosion resistance in high-humidity areas.

- Ideal for poultry houses, dairy barns, greenhouses and warehouse buildings.
- Can be mounted vertically or to a 45˚ angle.
- Heavy Duty 18-gauge galvanized steel housing.
- Galvanized venturi, frame and blades.
- Enclosed with 1" x 2" galvanized wire mesh.
- Removable screens make cleaning a breeze.
- Attached hanging brackets included.
- Thermal overload protection.
- Single phase, 115 - 230 V.
- Fans are hard wired and do not come with power supply cord. We recommend our Pig Tail Power Supply Cords sold separately.
- 2 year warranty on motor.

Belt Drive

Direct Drive

GALVANIZED DIRECT DRIVE FANS

STK#	SIZE	HP	VOLTS	CFM	AMPS	# OF BLADES	EACH	4 & UP
116192	36"	1/2	115/208-230	10,217	5.2/2.8-2.6	3	$455.00	–
115237	48"	1	115/230	17,481	6.4/3.4-3.2	2	859.00	$825.00

GALVANIZED BELT DRIVE FANS

STK#	SIZE	HP	VOLTS	CFM	AMPS	# OF BLADES	EACH
116759	36"	3/4	115/208-230	10,757	6.4/3.4-3.2	4	$649.00
116188	48"	1	115/208-230	18,228	9.4/4.9-4.7	3	939.00

Affordable, reliable Box Fans with industrial-strength shutters deliver comfort.

- Heavy Duty galvanized steel fan.
- Removable, hot-dipped after welded, galvanized wire mesh guard.
- Industrial-grade aluminum shutter.
- Steel guard clips minimize noise.
- Energy-efficient single speed motor.
- Permanently sealed ball bearings, thermal overload protection.
- Fans are designed to be hard wired and does not come with a cord.
- 2 year manufacturer's motor warranty.

VALUTEK™ BOX FANS WITH SHUTTERS

STK#	SIZE	BLADES	DRIVE	HP	PHASE	VOLTS	AMPS	CFM@ .005" SP	EACH
116189	36"	3	Direct	1/2	1	115/208-230	5.2/2.8-2.6	9,698	$ 429.95
117793	36"	4	Belt	3/4	1	115/208-230	6.4/3.4-3.2	10,790	1,385.00
117800	42"	4	Belt	1	1	115/208-230	9.4/5.0-4.7	14,224	1,905.00
116193	48"	3	Belt	1	1	115/208-230	8.6/4.9-4.7	17,499	794.95
117797	48"	4	Belt	1	3	208-230/460	3.8-3.6/1.8	17,719	2,455.00

Rugged polyethylene housing has UV inhibitors with durable shutters and poly vanes.

- 12" to 24" variable speed have noncorrosive plastic blades.
- Galvanized frame.
- 36" single speed has galvanized steel blades.
- Energy efficient.
- 115 - 230 V.
- Great for livestock and poultry housing.

PLASTIC FLUSH-MOUNT EXHAUST FANS

STK#	SIZE	HP	CFM @ 0" SP	CFM/WATT @ 0" SP	AMPS	EACH	4 & UP
CF1705	12"	1/4	1,300	8.0	1.9/.95	$ 695.00	$ 669.00
CF1710	16"	1/4	2,600	9.8	2.6/1.3	815.00	785.00
CF1715	20"	1/3	4,100	10.1	3.6/1.8	915.00	879.00
CF1720	24"	1/2	5,850	11.1	4.6/2.3	935.00	899.00
CF1725	36"	1/2	11,050	19.8	5.8/2.9	1,325.00	1,275.00

Achieve maximum ventilation with a high-output Slant Wall Exhaust Fan.

- Helps control humidity, reduces disease and provides sufficient fresh air within your greenhouse, barn or warehouse facility.
- Heavy Duty, 18-gauge galvanized construction for durability and long life.
- 3-winged galvanized fan blade. 115724 features a 5-wing galvanized fan blade.
- Galvanized wire mesh guard with plastic guard clips that reduce noise.
- High-performance, industrial-strength aluminum shutters with tie bar to reduce shutter flapping.
- Energy-efficient, totally enclosed motor with automatic thermal protection.
- Single phase.
- Solid motor mounting for increased motor life and a quieter operation.
- Fans are hard wired and do not come with power supply cord. We recommend our Pig Tail Power Supply Cords, sold separately.
- 2 year manufacturer's motor warranty.
- Our DuroStat™ 2-stage, 2-speed corrosive environment thermostat (CR2031) is especially designed for use with 2-speed fans, giving precise, automatic control. Sold separately.

115724

116190

116191

VALUTEK™ SLANT WALL EXHAUST FANS

STK#	SIZE	DRIVE	HP	SPEED	VOLTS	AMPS	CFM @ 0.05" SP	EACH	4 & UP
116191	36"	Direct	1/2	1	115/208-230	5.2/2.8-2.6	10,024	$ 949.00	–
115724	42"	Belt	1	1	115/208-230	9.4/4.9-4.7	15,410	1,459.00	$1,399.00
116190	48"	Belt	1	1	115/208-230	9.4/4.9-4.7	20,100	1,385.00	–
116045	48"	Belt	1	2	208 - 230	6.9/4.2-6.8/4.5	19,700	1,389.00	1,329.00

Multifan Galvanized Box Fans combine high air output with low energy consumption, making them an ideal solution for every ventilation demand.

- These aerodynamic exhaust fans ensure optimal performance and effective ventilation in a variety of spaces, including greenhouses, barns, industrial facilities and more.
- Compact design takes up minimal wall space and allows for easy installation and maintenance.
- IP55 motor is dust and water-resistant.
- Fans are resistant against UV-radiation.
- Can be combined with light traps to provide ultimate control in applications where daily light hours must be managed.
- High performance box fan (117798) comes equipped with cone, which reduces air resistance and offers increased efficiency in areas that require higher air volumes.
- 6-blade impeller fan (117799) is best suited to higher pressure applications.
- 3-year warranty on motor.

117792

117795

117796

117798

117799

MULTIFAN GALVANIZED BOX FANS

STK#	SIZE	PHASE	VOLTS	CFM@ .18"SP	EACH
117792	36"	1	230	7,000	$1,469.00
117795	50"	1	240	21,000	1,969.00
117796	50"	3	265 - 460	23,000	1,669.00
117798	54"	1	230	26,000	2,819.00
117799	54"	3	230 - 400	22,500	1,685.00

Protect your exhaust fans with a plastic hood.

- Rugged polyethylene with UV prohibitors.
- Weatherproof.
- Opening dimensions for CF1830:
  24.5"W x 23"H OD
  21.5"W x 21.5"H ID
- Opening dimensions for CF185:
  30.75"W x 29.25"H OD
  27.75"W x 27.75"H ID

POLYETHYLENE HOODS FOR EXHAUST FANS

STK#	FITS FAN SIZES	EACH	4 & UP
CF1830	Up to 18"	$149.95	$145.95
CF1835	20"-24"	189.95	179.95

Avoid disaster with a Canarm® high-quality, efficient, economically priced Explosion-Proof Fan.

- Rugged steel-welded box housing has a durable powder-coated finish.
- Aluminum louver shutters are supported by long-life nylon bushings.
- Totally enclosed, ball-bearing motor with thermal overload protection.
- Well-balanced, heavy-gauge aluminum fan blades.
- Heavy wire, chrome-plated OSHA guard on intake side of fan.
- Available in 12", 18" and 24" sizes.
- Single speed. 1/3 HP.
- 115 - 230 V. 6.6/3.3 A. 1,625 RPM.
- Meets the following standards:
  Class I—Group C and Group D
  Class II—Group F and Group G.

CANARM® EXPLOSION-PROOF FANS

STK#	DIAMETER	CFM @ 0" SP	EACH	4 & UP
CF1530	12"	1,640	$ 989.00	$ 949.00
CF1535	18"	3,200	889.00	855.00
CF1540	24"	5,500	1,219.00	1,175.00

Remove and control condensation while improving air quality. These high-performance exhaust fans are designed for use in horticultural and agricultural applications, as well as factories, warehouses, garages, attics and restaurants.

- Highly efficient shutter style exhaust fans offer improved cooling and ventilation for superior air circulation.
- Rounded guard design prevents excessive vibration and adds rigidity for quiet operation.
- OSHA-spaced guards feature industrial gray polyester powder coating.
- Heavy Duty aluminum shutters have reinforced corners for increased reliability.
- Weather stripping on louvers provides maximum seal and prevents rattling.
- Sizes 12"-24" are pre-wired with 9' grounded cord. 115 V.
- 12"-20" fans are available in variable speed or 3-speed. 24" fans are available in variable speed or 2-speed.
- Motor type: TEAO, IP55 rating. Fans are UL 705 certified.

20" Model

SHUTTER STYLE EXHAUST FANS

STK#	SIZE	HP	VOLTS	SPEED	CFM @ 0" SP	EACH	4 & UP
116593	12"	1/12	115	3	900	$135.00	$129.00
116594	12"	1/15	115	Var.	1,100	135.00	129.00
116595	16"	1/12	115	3	1,325	185.00	179.00
116596	16"	1/10	115	Var.	1,400	185.00	179.00
116597	20"	1/8	115	3	2,860	289.00	279.00
116598	20"	1/4	115	Var.	3,340	289.00	279.00
116599	24"	1/3	115	2	4,450	345.00	335.00
116600	24"	1/3	115	Var.	4,450	345.00	335.00

Excellent commercial-grade multipurpose exhaust fan.

- Rugged steel housing, with durable baked enamel finish.
- Totally enclosed ball-bearing motor.
- Heavy-gauge aluminum blades.
- Thermal overload protection.
- Aluminum Louver Shutter Fans have OSHA-approved chrome guards.
- 115 - 230 V: CF1755, CF1760, CF1762, CF1770, 118203, 118204.
- 115 V: CF1750, CF1765.

Rear View

Front View

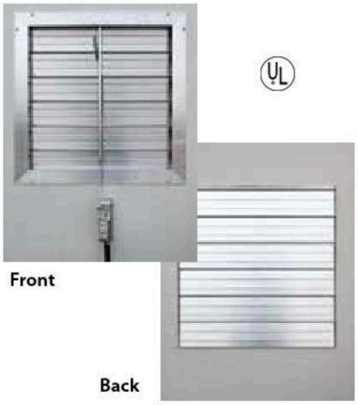
EXHAUST FANS WITH SHUTTERS

STK#	SIZE	HP	RPM	CFM @ 0" SP	CFM/WATT @ 0" SP	FULL LOAD AMPS	EACH	4 & UP
ALUMINUM LOUVER SHUTTERS								
CF1750*	10"	1/20	1,550	690/580	4.72	1.2	$275.00	$265.00
CF1755†	12"	1/4	1,625	1,650	7.50	2.2/1.1	455.00	435.00
CF1760†	16"	1/4	1,625	2,370	9.15	2.6/1.3	525.00	505.00
CF1762†	18"	1/3	1,625	3,150	8.07	3.7/1.9	589.00	565.00
CF1765*	20"	1/3	1,745	3,440/2,300	10.2/10.5	4.3	595.00	575.00
CF1770†	24"	1/3	1,100	5,050	13.2	4.4/2.2	615.00	595.00
*Two speed. †Variable speed.								
ALUMINUM LOUVER SHUTTERS (SINGLE SPEED FANS)								
118203	30"	1/3	1,100	8,000	11.5	4.6/2.3	$835.00	$799.00
118204	36"	1/2	850	12,000	13	6.0/3.0	839.00	805.00

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Improve your ventilation with our motorized aluminum shutters.

- May be used for either intake or exhaust, with either manual or thermostatic controls, not included.
- Kit includes 110 - 220 V motors.
- Power shutter replacement motor with hardware available below.



117045

MOTORIZED HEAVY DUTY ALUMINUM SHUTTERS

STK#	SIZE	EACH
109812	12"	$219.00
109813	18"	229.00
109814	24"	245.00
109815	30"	279.00
109816	36"	335.00
109817	48"	479.00

ALUMINUM SHUTTER ACCESSORIES

STK#	ITEM	SIZE	EACH
109101A	Power Shutter Replacement Motor	110 - 220 V	$161.95
117045	Replacement Spring	–	5.09

Constructed from white, exterior-grade PVC material for a maintenance-free exhaust shutter.

- No rust, no corrosion means these shutters are easy to clean and never require painting.
- Aerodynamic design offers improved fan efficiency.
- Welded poly framework with corner braces.
- Curved blade shape ensures tight seal when shutter is closed.

POLY EXHAUST SHUTTERS

STK#	SIZE	ROUGH OPENING	EACH
106043	12" x 12" Single Panel	12.5" x 12.5"	$ 48.95
106044	16" x 16" Single Panel	16.5" x 16.5"	59.95
106045	20" x 20" Single Panel	20.5" x 20.5"	64.95
106046	24" x 24" Single Panel	24.5" x 24.5"	77.95
106047	30" x 30" Double Panel	30.5" x 30.5"	99.95
106048	36" x 36" Double Panel	36.5" x 36.5"	119.95
106049	42" x 42" Double Panel	42.5" x 42.5"	165.95
106050	48" x 48" Triple Panel	48.5" x 48.5"	188.95
106051	54" x 54" Triple Panel	54.5" x 54.5"	234.95

Enhance airflow with our adjustable aluminum louver shutters and a Liberty Louver Opener.

- Adjustable aluminum shutters direct fresh air in, while letting hot air out.
- Vanes can be adjusted with our Liberty Automatic Opener.
- Operating range is easily adjustable.
- Solar-powered louver opener automatically opens and closes shutters as the temperature changes.
- It is recommended that the cylinder from the opener be removed during the winter months.
- Arm not included.

105113

ALUMINUM SHUTTERS

STK#	SIZE	EACH
105110	12"	$ 78.95
105111	18"	109.95
105112	24"	139.95
105113	30"	149.95

SOLAR-POWERED LIBERTY LOUVER OPENER

STK#	EACH
105109	$82.95

Aluminum Exhaust Shutters offer maximum weather seal.

- Heavy aluminum extrusion frame with precision-milled corners.
- Nylon bearings, solid shafts and interlocking blades for maximum weather seal.
- All shutters come complete with tie bar to eliminate shutter flapping and locking open.
- Double panel units constructed with rigid "T" section center.

116884
Front

116884
Back

ALUMINUM EXHAUST SHUTTERS

STK#	SIZE	ROUGH OPENING	EACH
116883*	12" x 12" Single Panel	12.5" x 12.5"	$ 68.95
116884*	16" x 16" Single Panel	16.5" x 16.5"	105.95
116885*	18" x 18" Single Panel	18.5" x 18.5"	139.95
116886*	20" x 20" Single Panel	20.5" x 20.5"	149.95
119023	24" x 24" Single Panel	24.5" x 24.5"	169.95
112193	30" x 30" Single Panel	30.5" x 30.5"	175.95
112194	36" x 36" Double Panel	36.5" x 36.5"	209.95
112195	40" x 40" Double Panel	40.5" x 40.5"	289.95
112196	42" x 42" Double Panel	42.5" x 42.5"	315.95
112197	48" x 48" Double Panel	48.5" x 48.5"	339.95
112198	54" x 54" Double Panel	54.5" x 54.5"	395.95
112199	60" x 60" Double Panel	60.5" x 60.5"	475.95

*Includes felt for noise reduction and to prevent freezing.

Effortlessly control airflow with durable 3100 Series Dampers.

- Aluminum back draft dampers are engineered for strength and durability.
- Flanged mount frame.
- Blades are sealed with full-length, vinyl weather stripping.
- Multiple sizes to suit your needs.
- A profile of 1-1/8" allows dampers to fit in just about any wall.
- 113906 & 113907 have a maximum airflow 2,400 FPM.
- Motors have a cable pulley, so no delay timer is needed for fan.
- 113906 & 113907 require two motors (115224).

3100 SERIES DAMPERS

STK#	SIZE	EACH
115465	12" x 12"	$109.95
115440	16" x 16"	129.95
115888	18" x 18"	149.95
115466	24" x 24"	185.95
113903	30" x 30"	225.95
113904	36" x 36"	291.95
115889	42" x 42"	429.95
113905	48" x 48"	549.95
113906	54" x 54"	675.95
113907	60" x 60"	799.95

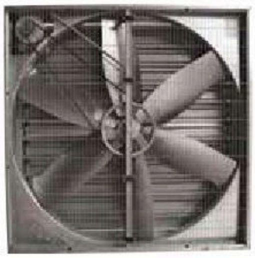
3100 SERIES DAMPER MOTOR

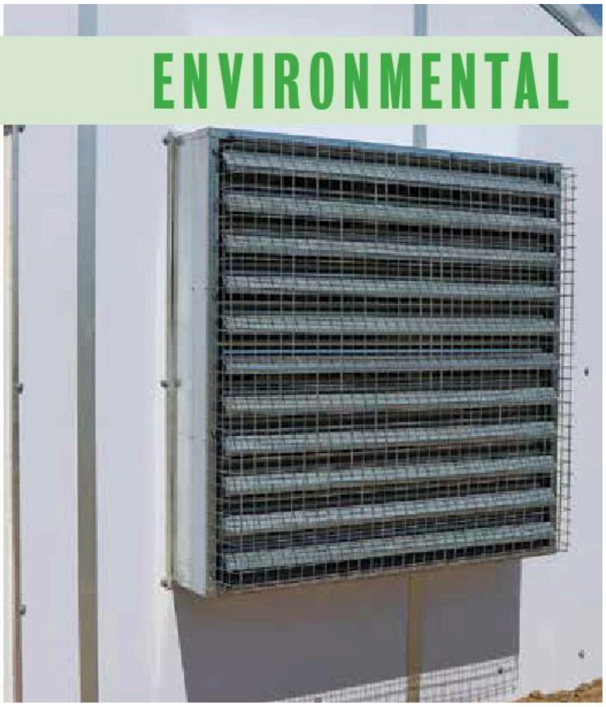
STK#	EACH
115224	$269.95

Our Blackout Fan Kits allow you to maintain a fresh environment for your crops without any light leaks.

- These high airflow capacity fan kits are available in 42" and 53" sizes.
- Fans are outfitted with compact light traps that promote proper air exchange without allowing light to enter the structure through the fan.
- Kits feature mechanically operated shutters that feature gaskets that guarantee full closure.
- Fans run on a 1-1/2 HP, 115 - 230 V motor.
- Low maintenance and durable design. The bottom panel has four holes that allow water and moisture to drain.
- Kits are available with and without light traps for growers that already have light traps.
- Kits come assembled

Front


Back



BLACKOUT FAN KITS

STK#	ITEM	EACH
116790BOA	53" Fan w/ Light Trap	$1,195.95
116791BOA	42" Fan w/ Light Trap	1,267.95
116790FOA	53" Fan w/o Light Trap	879.95
116791FOA	42" Fan w/o Light Trap	929.95

Breathable Wall Light Traps and our innovative Blackout Kits maintain controlled airflow in your greenhouse or grow room without sacrificing blackout environments.

The Breathable Wall Light Traps

- Ideal for any light deprivation needs.
- Allows for nearly 100% airflow, while blocking all light, creating a well-ventilated, blacked out environment.
- Enables you to build with blackout material. Section off rooms, create knee walls or use on exterior walls to prevent light from entering your grow space.
- Call one of our greenhouse specialists for custom sizes.
- This kit is available preassembled. To order an assembled kit, add A to the end of your STK#.

Blackout Fan Kit

- Includes Breathable Wall Light Traps.
- 113393, 113394, 115595 and 113419 comes with ValuTek™ Slant Wall Exhaust Fans. The heavy-duty fans are galvanized to fight corrosion and ensure a long life. The energy-efficient motor is completely enclosed and features solid motor mounting for quiet operation.
- 116114 utilizes the Canarm Exhaust Fan with Aluminum Louver. It features a totally enclosed motor and heavy-gauge aluminum blades within a rugged steel housing.
- This kit is available preassembled. To order an assembled kit, add A to the end of your STK#.

Blackout Shutter Kits

- Includes Breathable Wall Light Traps and adapter plenum.
- Comes with motorized Keenan and Meier 3100 Series shutters.
- Dependable and durable construction for a long life.
- Can be used for intake or exhaust, with either manual or thermostatic controls, which are sold separately.
- Includes a 120 V AC motor.
- 115424 & 115595 includes adapter plenum.
- This kit is available preassembled. To order an assembled kit, add A to the end of your STK#.

ValuTek™ Slant Wall Exhaust Fans

Breathable Wall Light Traps

Canarm Exhaust Fan with Alumium Louver

BLACKOUT FAN KIT

STK#	BREATHABLE WALL	FAN	EACH	PREASSEMBLED
113393	6' x 6'	48", Single Speed	$3,285.00	$3,495.00
113394	6' x 6'	48", Dual Speed	3,019.00	3,339.00
115595	6' x 6'	42", Single Speed	2,569.00	2,639.00
113419	4' x 4'	36", Single Speed	1,725.00	1,999.00
116114	3' x 3'	24", Variable Speed	1,259.00	1,385.00

To order an assembled kit, add A to the end of your STK#.

ValuTek™ Motorized Heavy Duty Aluminum Shutters

BLACKOUT SHUTTER KITS

STK#	SIZE	EACH	PREASSEMBLED
115424	6' x 6' Wall w/48" Shutters	$2,719.00	$2,995.00
115425	4' x 4' Wall w/36" Shutters	1,575.00	1,699.00
115426	4' x 4' Wall w/48" Shutters	1,649.00	2,029.00
115427	3' x 3' Wall w/36" Shutters	969.00	1,079.00
115428	2' x 2' Wall w/24" Shutters	725.00	809.00

To order an assembled kit, add A to the end of your STK#.

BREATHABLE WALL LIGHT TRAPS

STK#	SIZE	EACH	PREASSEMBLED
116161	6' x 6'	$1,399.00	$1,505.00
116156	5' x 5'	1,059.00	1,169.00
116151	4' x 4'	755.00	839.00
116146	3' x 3'	539.00	615.00
116140	2' x 2'	325.00	399.00

To order an assembled kit, add A to the end of your STK#.

NEW Aquafog® Direct Feed Foggers are powerful, efficient and produce an ideal fog for humidification, evaporative cooling and chemical application in a variety of industries.

- These centrifugal atomizers employ a rear-feed blade system that produces billions of fog-like particles, which evaporate quickly in required space.
- Users can choose between Turbo XE-2000 Foggers, GT-500 Foggers and ideal flowmeter size, depending on coverage requirements.
- Ideal for humidification in almost fully contained areas, evaporative cooling in partially contained, ventilated areas and chemical applications in completely contained areas.
- Unlike other fog systems, these direct feed foggers can be hooked up to any water supply, including well or pond water, without risk of clogging. Units can also be fed using metering pump or gravity feed system.
- Simplified design means fans do not require nozzles, high-pressure pumps, compressed air or filtration, and also need little to no repair or maintenance. UV-stabilized components make fans suitable for outdoor use.
- Exclusive rear-feed blade design enhances reliability and performance, while the industrial grade, ABB Washdown Duty Motor is designed for use around water.
- Included flowmeter panel has stainless steel composition and a clear, easy-to-read flow rate scale for streamlined monitoring.
- Able to be hung using two U-Bolts or universal hanging bracket.
- Select from applicable accessories for desired installation method, including ceiling mount (118858), wall mount (118859) or a 360° oscillator (118867).

118853-118856

Aquafog® Turbo XE-2000 Foggers (118853-118856)

- Turbo XE-2000 Foggers come standard with 20' of water line, a 12' power cord, user's choice of flowmeter panel, liquid-tight connector and 16' of drainage line.
- Atomizes up to 32 GPH and offers propulsion distance up to 35'.
- Greenhouse cooling coverage area: up to 2,500 sq. ft.
- Greenhouse humification coverage area: up to 3,500 sq. ft.
- Greenhouse propagation coverage area: up to 2,800 sq. ft.

118860-118869

Front

Aquafog® GT-500 Foggers (118860, 118868 & 118869)

- GT-500 Foggers come pre-assembled with 30' of water line, 16' of drainage line, garden hose connector and user's choice of flowmeter panel.
- Hydrophilic, stainless steel front guard is designed to meet OSHA fan guard requirements and wick away water, helping to keep floors dry.
- Atomizes up to 15 GPH and offers propulsion distance up to 30'.
- Greenhouse cooling coverage area: up to 880 sq. ft.
- Greenhouse humification coverage area: up to 1,200' sq. ft.
- Greenhouse propagation coverage area: up to 1,000' sq. ft.

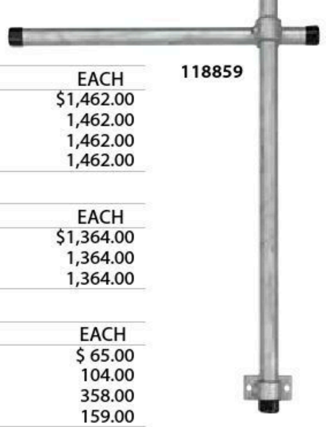
Back

Aquafog® Fogger Accessories (118858, 118859, 118867 & 119209)

- Ceiling mount (118858) allows for simple and secure mounting to any ceiling surface. 36" horizontal length provides ample support and stability.
- Wall mount (118859) offers convenient mounting to wall surfaces and features adjustable height along its 30" vertical length. 21" cross support extends mount's reach and functionality by allowing fan to have 360° sweeping rotation.
- 360° oscillator (118867) provides steady, continuous movement for uniform coverage in interior applications. Sweeping action alleviates droplet collisions and fallout, while also enhancing air circulation.
- Turbo XE Water Solenoid Valve (119209) connects directly to the same power supply as fogger to automate water flow, enabling precise fluid control and operation. Compatible with Turbo XE-2000 Foggers (118853-118856).

119209

118858


118859

118867

AQUAFOG® TURBO XE-2000 FOGGERS

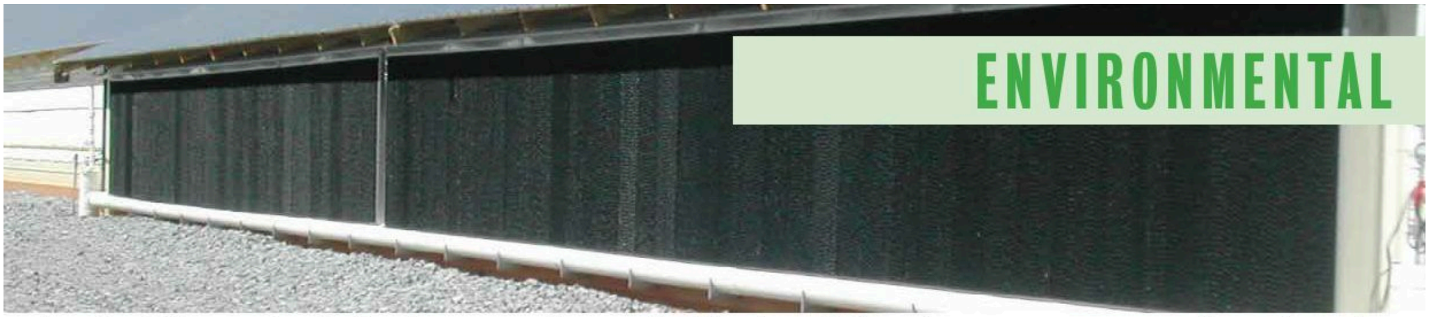
STK#	FLOWMETER SIZE	EACH
118853	1-5 GPH	$1,462.00
118854	3-15 GPH	1,462.00
118855	5-25 GPH	1,462.00
118856	8-32 GPH	1,462.00

AQUAFOG® GT-500 FOGGERS

STK#	FLOWMETER SIZE	EACH
118860	1-5 GPH	$1,364.00
118868	2-10 GPH	1,364.00
118869	3-15 GPH	1,364.00

AQUAFOG® FOGGER ACCESSORIES

STK#	ITEM	EACH
118858	Ceiling Mount Support	$ 65.00
118859	Wall Mount Support	104.00
118867	360° Oscillator	358.00
119209	Turbo XE Water Solenoid Valve	159.00



AquaCool® Evaporative Cooling Systems are the most durable, dependable and easy-to-use systems on the market today.

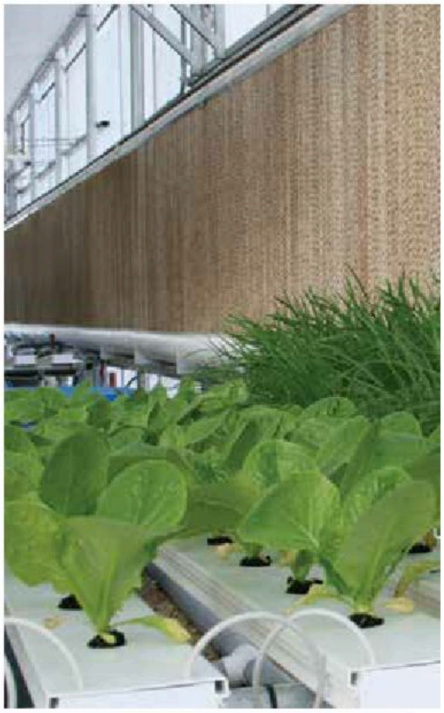
- These systems offer a natural method of cooling and moisturizing the air.
- Available in twenty stock sizes to accommodate all needs. Custom sized systems are also available.
- Systems come complete with Evaporative Cooling Pad, aluminum distribution (top and bottom), aluminum end panels, 1/3 HP submersible sump pump and plumbing kit.
- Evaporative Cooling Pads are designed to achieve the most effective and efficient evaporative cooling possible. These corrugated, cellulose pads are crafted from 100% premium-grade, virgin kraft paper and offer maximum stability and long life. Consistent in performance, Evaporative Cooling Pads are highly absorbent and easily cleaned. Replacement Evaporative Cooling Pads are available below. Ask your National Account Manager about special truckload pricing.
- Proven to be one of the most cost-effective methods for maintaining proper growing conditions, healthy poultry, hog, dairy, livestock and warehouse buildings. These systems cost 50% less than traditional A/C systems, can be used anywhere and will cool the same sized area. You will see a 16° to 20° temperature drop.

Evaporative Cooling End Wall Framing simplifies installation.

- Holds evaporative cooling systems securely in place.
- Reduces installation time.
- Frames come sized to each specific system.

ORDERING: EVAPORATIVE COOLING SYSTEM

1. **Total CFM of Required Fans = Volume of Building x 1.3 (air exchange per minute).**
   To calculate building volume, use the following formula, remembering to add the gable area into the end wall area: Total Volume of Building = End Wall Area x Length of Building.
2. **Total Area of Cooler = Total CFM of Required Fans/400 (400' per minute).**
   To calculate the area of the cooler required, size the cooler by selecting a suitable height and length to equal the area. Round cooler size to even 1 ft. multiples in height and length.
   Reservoir size for coolers = 1 gallon per sq. ft.
3. Minimum water flow rate is 0.8 GPM per sq. ft. for 6" system.



AQUACOOL® EVAPORATIVE COOLING SYSTEMS

	3'H		4'H		5'H		6'H	
LENGTH	STK#	EACH	STK#	EACH	STK#	EACH	STK#	EACH
15'	108997	$1,965.00	108994	$2,025.00	109002	$2,159.00	109003	$2,365.00
20'	108998	2,285.00	108995	2,469.00	109001	2,459.00	109004	2,725.00
25'	108999	2,445.00	108996	2,659.00	109000	2,839.00	109005	3,085.00
30'	116649	2,805.00	116651	3,055.00	116653	3,259.00	116655	3,565.00
35'	116650	3,235.00	116652	3,359.00	116654	3,399.00	116656	3,869.00

AQUACOOL® EVAPORATIVE COOLING END WALL FRAMING

	3'H		4'H		5'H		6'H	
LENGTH	STK#	EACH	STK#	EACH	STK#	EACH	STK#	EACH
15'	108997F	$ 749.00	108994F	$ 685.00	109002F	$ 729.00	109003F	$ 789.00
20'	108998F	755.00	108995F	749.00	109001F	779.00	109004F	809.00
25'	108999F	1,005.00	108996F	959.00	109000F	979.00	109005F	1,015.00
30'	116649F	919.00	116651F	995.00	116653F	1,075.00	116655F	1,165.00
35'	116650F	1,235.00	116652F	1,175.00	116654F	1,209.00	116656F	1,279.00

Triple-C® Cool Cell Cleaner is a powerful, equipment friendly solution that's perfect for cleaning evaporative cooling systems and water walls.

- This fast-acting, environmentally friendly foaming cleaner helps avoid expensive pad replacement costs.
- Provides unique scrubbing action that loosens and removes scale, mineral and heavy metal deposits from cool cell pads.
- Cleaner won't harm cool cell pads, piping or delivery systems equipment and is chloride and chlorine free, greatly reducing potential for corrosion.
- Available in 1 qt. bottle.

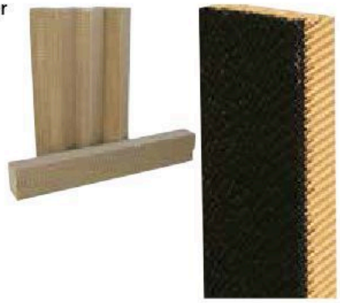
TRIPLE-C® COOL CELL CLEANER

STK#	EACH
118138	$18.95

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

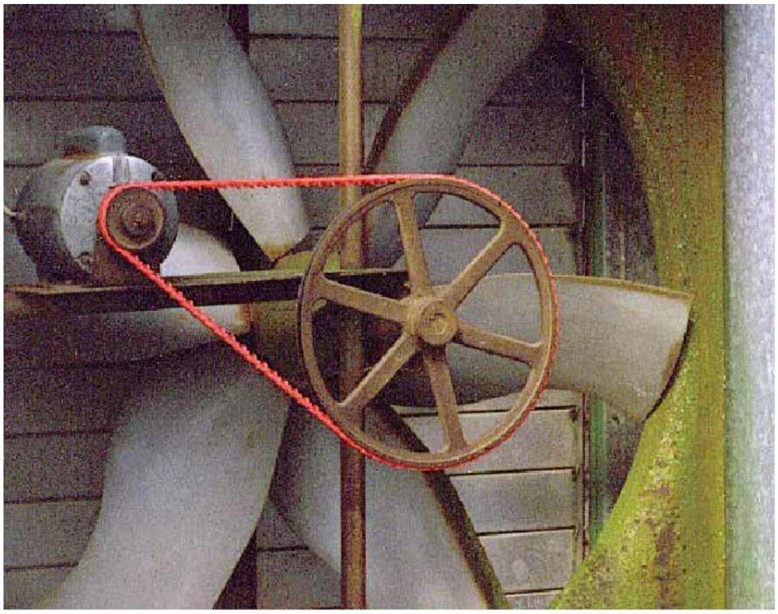
NEW 6" Replacement Evaporative Cooling Pads

- Highly absorbent and easily cleaned.
- Premium-grade, virgin kraft paper ensures superior efficiency with even air and water flow.
- 4" pads also available upon request.
- Call your National Account Manager for special Truckload Prices.



6" REPLACEMENT EVAPORATIVE COOLING PADS

STK#	HEIGHT	EACH
116868	3'	$24.69
116867	4'	30.85
116869	5'	36.95
119019	6'	43.95



With PowerTwist Plus® you always have the right length V-belt.

- Combines extremely high strength with low stretch.
- Has the same HP ratings as conventional rubber V-belts.
- Unaffected by common agricultural chemicals, temperature extremes, abrasion and exposure to oils, grease, water, steam, solvents and fertilizers.
- Can be made up to the required length by hand, in seconds.
- Made from a high performance polyester/polyurethane composite material specially developed to handle tough drive conditions.
- With their special composite construction, PowerTwist® V-belts will outperform conventional rubber V-belts.
- Working temperature range of -40°F to 200°F.
- High resistance to abrasion and shock loading.
- Easy to install, without dismantling drives.
- Works in all standard V-belt sheaves.
- Can be twisted at a 90° angle.

POWERTWIST PLUS® V-BELTS

STK#	ITEM	LENGTH	EACH	5 & UP
MR5008	A Section / 4L-1/2"	5'	$ 92.95	$ 89.95
MR5018	B Section / 5L-21/32"	6'	109.95	105.95

TEAO 48" Belt Drive Fan Motor provides economical ventilation power.

- Single-phase capacitor start/run.
- Automatic overload protection.
- 5/8" shaft diameter.
- Rigid base.
- 115 - 230 V.
- NEMA frame: 56.

48" BELT DRIVE FAN MOTOR

STK#	HP	RPM	AMP 230 V	EACH
MR3210	1	1,725	4.8	$475.95

Fits all 36" direct drive fans for quick and easy fan repair.

- Universal mount.
- Combo thru-bolt.
- Fixed base.
- 4U lug.
- Automatic overload protection.
- TEAO.
- 115 - 230 V.
- NEMA frame: 48.
- 5/8" shaft diameter.

TEAO 36" DIRECT DRIVE FAN MOTOR

STK#	HP	RPM	AMP 230 V	EACH
110048	1/2	850	3.3	$229.00

Keep your fans operating at peak efficiency with our replacement motors. TEAO Direct Drive Farm-Duty Motors are economical, with the strength to run day and night.

- Single phase. 115 - 230 V.
- Resilient base, direct drive, continuous duty.
- Thru bolt #10-21 x 1" extension.
- Gasketed doghouse and terminal cover.
- May be run variable speed with the appropriate controller.
- Automatic overload protection.
- 1/2" x 2-1/2" length with two 90° flats, 2-1/4" length.
- 1/2" shaft diameter.

TEAO DIRECT DRIVE FARM-DUTY MOTORS

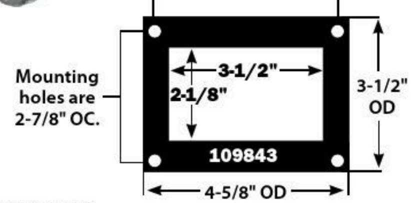
STK#	HP	RPM 60 HZ	NEMA FRAME	AMP 230 V	EACH
MR3030	1/3	1,625	48	2.2	$299.95

Inflation System Replacement Blowers

- Heavy Duty design.
- High-efficiency operation.

109843

109842A

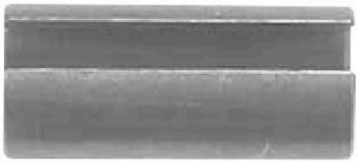


INFLATION SYSTEM REPLACEMENT BLOWERS

STK#	CFM	VOLTS	AMPS	HZ	RPM	HP	EACH
109842A	60	115	0.42	60/50	3,030	1/25	$99.95
109843	148	115	1.37	60/50	3,160	1/10	98.95

Shaft Adapter Sleeve

- Adapts 1/2" shaft to a 5/8" shaft.



SHAFT ADAPTER SLEEVE

STK#	EACH
MR3000	$5.45

These gas CO_2 generators improve plant quality, while increasing production by automatically providing the carbon dioxide needed to meet maximum growing potential for only pennies per day.

- Easy to install in any greenhouse, without expensive duct work.
- CO2 is diffused evenly throughout greenhouse. No supplemental fans required.
- Small size for easy movement.
- Constructed from high-quality steel for corrosion resistance and long life.
- Controls subject to rigorous testing during production to ensure safe and proper operation.
- Automatic gas shut-off in case of pilot failure.
- 1 year manufacturer's warranty.
- Based on one air exchange per hour, 1,500 ppm can be obtained per unit in a 4,800 sq. ft. greenhouse or an equivalent 50,000 cu. ft. volume.
- Transformer is required for operation. Can operate up to three units with one transformer. 115 V/24 V, 40 VA.

111081/ 111082

111114

CO_2 GENERATORS

STK#	ITEM	FUEL TYPE	EACH
111081	CO2 Generator	Propane	$1,605.00
111082	CO2 Generator	Natural Gas	1,605.00
111114	24 V Transformer	–	98.95

Create a healthier, more comfortable indoor climate.

- Properly humidified air increases comfort levels and maintains healthy levels of relative humidity, while decreasing levels of bacteria, fungus, viruses and mites.
- Ideal for greenhouses, propagation areas, egg rooms and hatcheries.
- Homeowners will enjoy energy cost savings, as well as added protection for fine wood furniture and floors.
- 120 V wall or duct-mount unit easily adjusts from 20% to 80% relative humidity, and is included.
- Capacity: 1 quart per hour/6 gallons per day.
- Made from durable, corrosion-resistant materials and comes with a 2 year manufacturer's warranty.
- Intended for residential home mounted to home heating ducts.

TRION
Indoor Air Quality

TRION HUMIDIFIER

STK#	EACH
116021	$389.00

Evaporative Through-Wall Coolers provide economical and trouble-free cooling that will provide long-lasting comfort with minimum maintenance.

- These window-mounted coolers offer more cooling power at minimum energy costs.
- Metal cabinet construction and polyester appliance finish for protection.
- Comes fully assembled, plug and play. 115 V.
- All Evaporative Through-Wall Coolers include 2-speed motor, pump, installation kit and Natural Aspen pads.
- 10 year warranty against leaks due to rust out. 1 year warranty on all parts.

117477

112856

112854

EVAPORATIVE THROUGH-WALL COOLERS

STK#	CFM	HP	AMPS	SQ. FT.	DIMENSIONS	EACH
117477	3,000	1/4	6.3	400-600	25"H x 28"W x 28"D	$1,149.00
112854	4,000	1/3	6.3	700-1,000	36"H x 28"W x 28"D	1,645.00
112856	5,000	1/2	8.0	1,200-1,600	36"H x 34"W x 34"D	1,829.00

Efficiently cool your nutrient solution to keep algae growth at bay, maintain proper pH levels and grow cool-weather crops during hot weather with Teco® Water Chillers.

- Teco® chillers use high-performance technology to ensure maximum performance with low energy consumption.
- The Teco® air system provides improved performance by optimizing air exchange and utilizing a rotatable exhaust.
- A closed loop temperature control system provides premier accuracy and stays within 0.2°F.
- Chillers are housed in durable units made from high-quality materials. They are corrosion-resistant and a great option for use with or near salt water.
- The filter screen is magnetically affixed, so it is simple to clean, maintain, remove and install.
- Requires a recirculation pump, sold separately. Ask your knowledgeable National Account Manager which pump will work best for your setup.
- 113859 requires no heater. 113860, 113861, 113862 come with a built in heater, and 113863 and 113864 require a Heater Kit (110718), which is easy to install and includes a custom designed 400 W heater.

113859

113860

113861

113862

113863

113864

TECO® WATER CHILLERS

STK#	ITEM	HP	FLOW RATE (GPH)	RESERVOIR SIZE (GALLONS)	AMPS	VOLTS/HZ	EACH
113859	TK-150	1/8	105	Up to 40	1.9	120/60	$1,249.00
113860	TK-500	1/6	105	Up to 130	3.5	120/60	1,609.00
113861	TK-1000	1/4	132	130-260	3.6	120/60	2,005.00
113862	TK-2000	1/3	158	130-530	4.4	120/60	2,295.00
113863	TK-3000	1/2	800	Up to 750	7.5	120/60	5,879.00
113864	TK-6000	1	800	Up to 1,550	10.4	120/60	7,305.00
110718	Heater Kit	–	–	–	–	–	125.00

Wall-hanging circulator is perfect for vent tubes and metal ducts.

- Dual-voltage motor is variable speed, totally enclosed.
- High efficiency with thermal overload protection.
- Stainless steel frame has an extension to allow installation of airbag.
- All stainless steel hardware.
- 115 - 230 V.
- 12" to 24" fans feature a fiberglass-reinforced polypropylene fan blade.
- 36" fan has a galvanized steel blade.
- Vent tubing sold separately.

Front

Back

STAINLESS STEEL VARIABLE SPEED TUBE FANS

STK#	SIZE	HP	CFM @ 0.05" SP	AMPS	EACH
CF1740	12"	1/4	1,300	2.0/1.0	$529.00
CF1742	16"	1/4	2,600	2.8/1.4	595.00
CF1746	24"	1/2	5,000	5.0/2.5	689.00
CF1748*	36"	1/2	11,000	6.0/3.0	759.00

*Single speed only.

Air Distribution Systems are ideal for use with greenhouse tube ventilation systems. They offer an easy way to improve greenhouse air circulation and heat distribution.

- These units will temper the air in more sensitive environments, like those required for hydroponics.
- Circulating the air in a growing structure provides fresh air to plants, making roots healthier. It also decreases the occurrence of micro-climates in a greenhouse.
- Provides uniform air distribution throughout greenhouses, which helps to improve heating efficiency and uniformity, and can reduce disease and increase production.
- When combined with a separate exhaust fan, the system helps to dehumidify and provides a safe, gentle air exchange that won't harm plants in the cooler seasons.
- System can be automated with thermostats or iGrow controllers.
- Adjustable tube size, hole placement and hole size.
- Fans feature dual-voltage, totally enclosed, high-efficiency ball-bearing motors with thermal-overload protection. All fans are variable speed except for the 36" unit. Controllers are needed for variable speed operation and are sold separately.
- 12", 16" and 24" fans have polypropylene blades designed to deliver high volumes of air quietly and efficiently. 36" model has a high-performance, galvanized bade.
- Box intake chambers are made of galvanized steel for durability in greenhouse applications.
- Stainless steel jet fans will not rust and have 4" extensions to allow for the installation of vent tubing, sold separately.
- 115 - 230 V.
- Systems available for light deprivation greenhouses and applications.
- Kits include mounting hardware.

AIR DISTRIBUTION SYSTEM

			AIR FLOW CAPACITY (CFM)			
STK#	ITEM	HP	0"SP	.05" SP	.10" SP	EACH
115506	12" System	1/4	1,380	1,260	1,170	$1,209.00
115507	16" System	1/4	2,810	2,680	2,540	1,399.00
115508	24" System	1/2	5,200	4,880	4,600	1,529.00
115509	36" System	1/2	11,000	10,500	10,000	1,929.00
115506A	12" Air Distribution Kit	1/4	1,380	1,260	1,170	1,439.00
115507A	16" Air Distribution Kit	1/4	2,810	2,680	2,540	1,715.00
115508A	24" Air Distribution Kit	1/2	5,200	4,880	4,600	1,865.00
115509A	36" Air Distribution Kit	1/2	11,000	10,500	10,000	2,335.00
115506B	12" Air Distribution Blackout Kit	1/4	1,380	1,260	1,170	1,845.00
115507B	16" Air Distribution Blackout Kit	1/4	2,810	2,680	2,540	2,115.00
115508B	24" Air Distribution Blackout Kit	1/2	5,200	4,880	4,600	2,485.00
115509B	36" Air Distribution Blackout Kit	1/2	11,000	10,500	10,000	2,799.00

Install hundreds of feet of Vent Tube for the cost of a short piece of metal duct.

- Hem is reinforced with rope, simply punch hole and hang.
- Custom punching in 1/2", 3/4", 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2", 2-3/4", 3", 4" and 6-7/8".
  Please designate size, spacing and positioning of holes.
- Conforms to CPAI-84, Sect. 6 and 7, NFPA-701, Boston Fire Marshal's Test, ASTM E-162 and UL 478 flame-retardant coated fabrics for agriculture, horticulture, industrial and construction applications.
- Opaque, natural polyolefin, 6 oz. per sq. yd. 10 x 5 tapes per in., with a 12 mil thickness.
- Priced per linear ft.

POLYMAX® FLAME-RETARDANT STABILIZED WOVEN POLYETHYLENE VENT TUBING

WITH HOLES

		PRICE PER LINEAR FT.	
STK#	SIZE	PER FT.	100' & UP
CF2515	6"	$3.72	$3.57
CF2525	8"	3.89	3.58
CF2535	10"	3.99	3.83
CF2545	12"	4.09	3.93
CF2555	16"	4.25	4.08
CF2565	18"	4.49	4.31
CF2575	20"	4.59	4.45
CF2585	24"	4.86	4.67
CF2595	30"	6.15	5.95
CF2605	36"	5.91	5.68
CF2615	48"	6.89	6.65

WITHOUT HOLES

		PRICE PER LINEAR FT.	
STK#	SIZE	PER FT.	100' & UP
CF2516	6"	$2.69	$2.58
CF2526	8"	2.82	2.71
CF2536	10"	2.93	2.81
CF2546	12"	3.03	2.91
CF2556	16"	3.23	3.10
CF2566	18"	3.39	3.25
CF2576	20"	3.89	3.75
CF2586	24"	3.99	3.83
CF2596	30"	6.15	5.95
CF2606	36"	4.71	4.52
CF2616	48"	5.49	5.29

Keep your greenhouse or building well ventilated with these durable vent tubes.

- Evenly distributes air, creating an ideal growing or working environment.
- Constructed from 10 oz., 22 mil opaque PolyMax Fabric. The tube has two inch holes located at four and eight o'clock and repeated every 24".
- The hem is reinforced by rope.

POLYMAX® VENT TUBING

		PRICE PER LINEAR FT.	
STK#	SIZE	PER FT.	100' & UP
CF8110	6"	$2.85	$2.75
CF8120	8"	2.89	2.79
CF8130	10"	2.95	2.85
CF8140	12"	2.99	2.89
CF8150	16"	3.15	3.05

		PRICE PER LINEAR FT.	
STK#	SIZE	PER FT.	100' & UP
CF8160	18"	$3.25	$3.15
CF8170	20"	3.69	3.55
CF8180	24"	3.55	3.45
CF8190	30"	6.15	5.95

PolyMax® Vent Tube Mounting Clamps

- Includes one screw lock and stainless steel mounting strap.
- Mounts tube to fan.

POLYMAX® VENT TUBE MOUNTING CLAMPS

STK#	FOR FAN SIZE	EACH
CF2350	6-11"	$17.95
CF2355	12-18"	20.95
CF2360	19-30"	25.95
CF2365	31-37"	29.95
CF2370	38-54"	37.95

A high-clarity 4 mil tubing designed to last 1 year in greenhouse applications.

- Prepunched with 2" holes.
- Hole positions are at 4 and 8 o'clock.
- Holes repeated every 24".

POLY AIR PREPUNCHED CONVECTION TUBES

STK#	SIZE	PER ROLL
XR6940	12" x 100'	$ 69.95
XR6942	12" x 150'	104.95
XR6950	18" x 100'	100.95
XR6952	18" x 150'	135.95
XR6960	24" x 100'	121.95
XR6962	24" x 150'	163.95
XR6970	30" x 100'	188.95
XR6980	37" x 100'	188.95
XR6982	37" x 150'	283.95

Vent Tube Support Kit

- Kit includes: zinc-plated screw hooks, 1/16" galvanized cable clamps, 3/16" SS hook & eye turnbuckle, 1/16" SS cable and 3/16" SS snaps.

WIRE SUPPORT KIT

STK#	ITEM	EACH
CF2305	100' Vent Tube Wire Support Kit	$44.95
CF2315	200' Vent Tube Wire Support Kit	64.95
CF2325	300' Vent Tube Wire Support Kit	92.95

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

Hitch to your wagon for ease of use.

- Large, 600 lb. capacity, 10 cu. ft. tub is made of rugged poly, so it will never rust.
- Large diameter handle for pushing by hand or pull by universal 1/2" pin hitch using ATV, car or truck.
- Tow hitch arm, with stabilizing caster, extends 21.5" and controls the dump function.
- 4" x 16" pneumatic tires with 19 mm axle.
- Dump bed measures 37"W x 11.8"D x 47.6"L.

ALL-PURPOSE POLY DUMP CART

STK#	EACH
103870	$190.95

Move heavy, dry loads with the ease of a wheelbarrow.

- Flat deck makes it easy to load and unload bags of fertilizer, topsoil, mulch and more.
- Wheelbarrow style makes transporting up to 660 lbs. a breeze.
- Expanded metal powder-coated deck has a 1" lip.
- 1" pipe handles.
- 4" x 16" ball bearing pneumatic tires.
- Size: 24"W x 48"L.

WHEELBARROW STYLE CART

STK#	EACH	2 & UP
WD8120	$253.95	$243.95

Haul a little. Haul a lot.

- Easy-grip tubular steel handle.
- Both have 3/4" axles with 2.125" x 20" pneumatic tires.
- Capacity: 220 lbs.
- 109919 6 Cu. Ft., 109918 8 Cu. ft.

EZ-HAUL POLY DUMP CART

STK#	EACH	2 & UP
109919	$109.95	$ 99.95
109918	165.00	159.00

Haul tools, plants, feed.

- Rolls smoothly on 10" pneumatic tires.
- Measures 23"W x 39"L.
- Capacity: 330 lbs.

EZ-HAUL ALL-PURPOSE PLASTIC WAGON

STK#	EACH	6 & UP
107001	$129.95	$125.95

Easy dump cart.

- Rolls smoothly on 10" pneumatic tires.
- Capacity: 440 lbs.
- Bed dimensions: 20.86"W x 37"L. x 9.06"D

GARDEN DUMP CART

STK#	EACH	6 & UP
109722	$135.95	$129.95

The most cart for your money.

- Will not rust or rot.
- Sharp turning is never a problem with front swivel casters.

102440: 20-Bushel (1,200 lb.) capacity.

102439: 8-Bushel (500 lb.) capacity.

POLYMAX® POLYETHYLENE FEED AND UTILITY CARTS

STK#	SIZE	EACH
102439	44"L x 21"W x 36"H	$639.00
102440	63"L x 35"W x 38"H	749.00

Handiest cart you'll own.

- Rolls smoothly over all surfaces on 2.125" x 20" Heavy Duty pneumatic tires.
- Folds up for easy storage.
- Capacity: 250 lbs.
- Bed dimensions: 23-1/2"W x 11-1/2"D x 35-1/2"L.
- Overall dimensions: 36"W x 26"H x 52"L.

ALUMINUM FOLD-UP CART

STK#	EACH
109630	$299.95

Sturdy metal red wagon for work or play.

- Easy-rolling 4" x 16" tires.
- 300 lb. load capacity (6 bushels).
- Bucket dimensions: 24"W x 11"D x 37"L.
- 32" maximum width (from outside tire to outside tire).

EZ-HAUL ALL-PURPOSE METAL WAGON

STK#	EACH	2 & UP
103392	$175.95	$169.95

⚠ **WARNING:** Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Why break up a set, team them up and save even more.

103447/103862

- Get the frame and deck together and put them to work around the farm or backyard.
- Remove the deck when you want to adjust the frame's length.

EZ-HAUL UTILITY WAGON/TRAILERS WITH HITCH AND DECK

STK#	CAPACITY	EACH	2 & UP
103447	1,500 lbs.	$ 789.00	$ 759.00
103862	3,000 lbs.	1,599.00	1,535.00

Save on utility wagon/trailer and expanded metal deck, available in two sizes.

Buy the deck...

102487

- Perfect accessory for the Utility Wagon/Trailer with Hitch (103446), shown at right.
- Heavy Duty Expanded Metal Deck measures 48"W x 72"L.

103864

- Same Heavy Duty expanded metal as Expanded Metal Deck (102487), but bigger.
- Deck measures 73.6"W x 118"L.
- Teams up with our EZ-Haul Giant Utility Wagon (103865).

EZ-HAUL EXPANDED METAL DECKS

STK#	BED SIZE	EACH	2 & UP
102487	48"W x 72"L	$289.95	$285.95
103864	73.6" x 118"L	799.95	769.95

EZ-HAUL UTILITY WAGON/TRAILERS WITH HITCH

STK#	CAPACITY	EACH	2 & UP
103446	1,500 lbs.	$495.95	$489.95
103865	3,000 lbs.	799.95	789.95

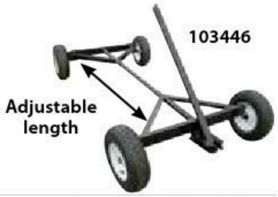
Buy the frame...

103446

- Adjustable-length steel frame can haul up to 1,500 lbs. on 6.5" x 16" pneumatic tires.
- Connect two or more together with 46" steel handle in front and trailer hitch in back.
- Size: 30"W frame adjusts from 50" to 78" long.
- Use alone or with our Expanded Metal Deck (102487).

103865

- All the advanced features of Trailer with Hitch (103446) and more.
- Hauls up to 3,000 lbs. on 9" x 18" pneumatic flotation tires.
- Hitch two or more trailers together and pull with tractor or ATV.
- Size: 54"W frame (inside wheel to inside wheel) adjusts from 71-1/2" to 98-1/2" long.
- Use alone or with our EZ-Haul Giant Expanded Metal Deck (103864).



Heavy Duty construction makes these Monster Carts ideal for moving all types of materials up to 2,000 lbs.

- Transport plants, soil, wood chips, mulch, pots and more.
- Expanded metal, powder-coated frame has a 2" lip.
- Expanded metal deck thickness: 3.5 mm.
- Auto-type steering and pneumatic wheels offer optimal stability and make it easy to pull and maneuver these carts anywhere.
- Diamond-punched bed allows debris and water to pass through.
- 1,750 lb. capacity and 2,000 lb. capacity Monster Carts are ideal for pulling with your ATV, lawn or garden tractor. Unique, easy-grip, comfort-cushioned pull handles easily convert into a hitch.

110487

- Bed size: 20"W x 38"L.
- 4" x 13" pneumatic tires.
- Capacity: 1,500 lbs.

110486

- Bed size: 24"W x 48"L.
- 5" x 13" pneumatic tires.
- Capacity: 1,750 lbs.

110488

- Bed size: 30"W x 60"L.
- 5" x 15" pneumatic tires.
- Capacity: 2,000 lbs.

110487
110486
110488

MONSTER CARTS

STK#	BED SIZE	CAPACITY	EACH	6 & UP
110487	20"W x 38"L	1,500 lbs.	$259.95	$255.95
110486	24"W x 48"L	1,750 lbs.	455.95	449.95
110488	30"W x 60"L	2,000 lbs.	749.95	719.95

Super-tough Nursery and Greenhouse Wagons roll easily over all terrain with pneumatic tires.

108675

- Flat Bed Metal Wagon: Tight turning radius. Extra-large deck.
- Auto-type steering makes maneuvering a breeze.
- 3.5" x 10" pneumatic tires.
- Capacity: 700 lbs.
- Size: 24"W x 48"L.

WD8045

- Greenhouse and Nursery Wagon has direct steering.
- 3.5" x 10" pneumatic tires.
- Capacity: 1,000 lbs.
- Size: 20"W x 38"L.

EZ-HAUL GREENHOUSE AND NURSERY WAGON

STK#	EACH	6 & UP
WD8045	$145.95	$139.95

EZ-HAUL FLAT BED METAL WAGON

STK#	EACH	6 & UP
108675	$165.95	$159.95

Ideal for use on the farm, in the yard, in the nursery or garden center.

- Auto-type steering and 5" x 13" pneumatic tires make it easy to pull and maneuver this multi-purpose wagon over the toughest terrain or through narrow greenhouse aisles.
- Heavy-duty, durable solid poly bed, with removable front and side rails for your oversized loads and a removable basket for smaller items.
- Easy to pull behind your ATV, lawn or garden tractor. Unique D-grip handle converts to a trailer hitch.
- Capacity: 800 lbs.
- Bed dimensions: 30"W x 7-1/2"D x 46-1/4"L.

EZ-HAUL GARDEN CRATE WAGON

STK#	EACH	6 & UP
109912A	$265.00	$255.00

This tough little wagon is your all-terrain helper.

- Unique wheel system makes this garden cart easy to maneuver.
- Rear wheels are 4" x 16" ball bearing pneumatic for smooth rolling.
- Front tires are 10" pneumatic swivel for maneuverability.
- Capacity: 750 lbs.
- Expanded metal deck measures 24"W x 48"L.

EZ-HAUL 4-WHEEL GARDEN CART

STK#	EACH	2 & UP
108676	$335.95	$322.95

The perfect choice for all your chores.

- Extra-large 5" x 13" pneumatic tires and auto-type steering make for smooth operation.
- Expanded metal deck with fold-down, removable sides, is diamond punched to allow debris and water to pass through.
- Capacity: 750 lbs.
- Size: 24"W x 48"L.

EXPANDED METAL DECK WAGON WITH FOLD-DOWN SIDES

STK#	EACH	2 & UP
108678	$149.95	$145.95

Move twice as much with this EZ-Haul Double-Deck Wagon.

- Expanded metal, powder-coated decks have 2" lips.
- 18" risers between decks.
- Auto-type steering.
- 3.5" x 10" pneumatic tires.
- Capacity: 330 lbs.
- Size: 20"W x 38"L.

EZ-HAUL EXTRA-LARGE DOUBLE-DECK WAGON

STK#	EACH	6 & UP
110052	$189.95	$185.95

"Wheel" fix your wagon.

- Are your wagon pneumatic wheels "tired out"? Choose the replacements that you need.
- Smooth-running, ball-bearing operation.
- Use with EZ-Haul Wagons or Carts or most other brands.
- Engineered tough to hold up to rugged use on the farm, nursery, greenhouse or backyard.

117681

103776

117727

WHEELS

STK#	SIZE	BEARING ID	FOR WAGON	EACH
117681	2.125" x 16"	16 mm/0.6299"	General Utility	$29.95
103776	2.125" x 20"	17 mm/0.6692"	109918/109919	50.95
117727	2.125" x 20"	10 mm/0.394"	109630	51.95

Heavy Duty Fixed and Swivel Casters

106109

103790

110220

110219

103443

HEAVY DUTY FIXED AND SWIVEL CASTERS

STK#	SIZE	FOR WAGON	EACH
103790*	5" Swivel	103780	$24.79
110220†	6" Swivel	110217	31.25
110219	6" Fixed	110217	30.85
106109	6" Swivel	General Utility	27.79
103443**	10" Swivel	108676	42.95

*Bushings/sheaves. †Roller bearings. **Pneumatic wheel.

Excellent replacement wheels for any equipment needing a large pneumatic tire.

- Ideal for wagons, carts, handtrucks and wheelbarrows.

110025

103445

100756

103945

103946

108679

111307

103448

103863

REPLACEMENT WHEELS

STK#	SIZE	BEARING ID	FOR WAGON	EACH
110025	3.5" x 10"	16 mm/0.6299"	109722	$33.95
103445	3.5" x 10"	16 mm/0.6299"	WD8045/108675/110052	33.95
100756	4" x 10"	15 mm/0.5950"	General Utility	28.25
103945	4" x 13"	16 mm/0.6299"	General Utility	32.65
103946	4" x 16"	16 mm/0.6299"	103870	39.19

STK#	SIZE	BEARING ID	FOR WAGON	EACH
108679	5" x 13"	16 mm/0.6299"	108678	$ 40.95
111307	5" x 15"	18 mm/0.7087"	110488	38.95
103448	6.5" x 16"	19 mm/0.7480"	103446/103447	51.95
103863	9" x 18"	25 mm/0.9842"	103865	123.95

Womanswork® "Digger" Gardening Gloves provide exceptional comfort and dexterity, making them ideal for all your garden chores.

- These gloves employ reinforced fingertips that make them perfect for digging in garden by hand.
- Colorful spandex top combined with machine washable Micro Suede palms.
- Palms are padded for extra comfort and reliability.
- Longer cuff with velcro wrist closure helps keep soil out of gloves.

WOMANSWORK® "DIGGER" GARDENING GLOVES

STK#	COLOR	SIZE	EACH
117826	Pink	M	$19.95
117827	Pink	L	19.95
117828	Purple	M	19.95
117829	Purple	L	19.95
117833	Teal	S	19.95
117830	Teal	M	19.95
117831	Teal	L	19.95

Pink
Purple
Teal

Womanswork® Women's Weeding Gloves are lightweight and form fitting, giving you ultimate finger feel when pulling weeds.

- Green (117813 & 117814), purple (117835, 117815 & 117816) and yellow gloves (117817 & 117818) are coated on palms and fingers with soft latex foam to keep moisture out.
- Garden of Paradise gloves (117819 & 117820) are dipped in clear nitrile on palms and fingertips for waterproof coating.
- Back of each glove left uncoated for increased breathability and comfort in hot weather.
- Tough, stylish design promotes longer lifespan.

WOMANSWORK® WOMEN'S WEEDING GLOVES

STK#	COLOR	SIZE	EACH
117813	Green	M	$ 8.95
117814	Green	L	8.95
117835	Purple	S	8.95
117815	Purple	M	8.95
117816	Purple	L	8.95
117817	Yellow	M	8.95
117818	Yellow	L	8.95
117819	Garden of Paradise	M	13.95
117820	Garden of Paradise	L	13.95

Green

Purple

Yellow

Garden of Paradise

Womanswork® Women's Leather Work Gloves are ideal for jobs that require both hand dexterity and protection.

- These gloves are made with domestic pigskin leather that is brushed to a suede finish for softness.
- Pigskin is thorn-resistant and maintains durability, even when wet.
- Gloves are perfect for tougher applications and protect hands from scratches, blisters and thorns.

WOMANSWORK® WOMEN'S LEATHER WORK GLOVES

STK#	SIZE	EACH
117834	S	$35.95
117823	M	35.95
117824	L	35.95
117825	XL	35.95

The Womanswork® Bucket Caddy hangs onto the outside of any standard 5 gallon bucket and holds your tools and gloves when gardening.

- Bucket caddy features twelve pockets for convenient organization, keeping essential garden tools within reach.
- Ideal for holding items during spring planting, cleanup and more.
- Made from tough, water-resistant cordura fabric that won't mildew.
- Available in three different color options.

Orange

Green

Garden of Paradise

WOMANSWORK® BUCKET CADDY

STK#	COLOR	EACH
117948	Orange	$29.00
117949	Green	29.00
117950	Garden of Paradise	34.00

Hold your essential gardening tools while you work with the Womanswork® Hip Holster Tool Belt.

- Convenient holster sits just below waist on hips and features one main pocket with smaller front pocket.
- Perfect for holding cell phone, water bottle, gloves, pruner and other essentials.
- Pockets are made with sturdy open-weave synthetic nylon that is designed to shed water and resist mildew.
- Main pocket offers extra support at bottom to prevent sharp tools from poking through.
- Ring on front allows for clipping on gloves or tools.
- Wide woven nylon belt includes adjustable quick-release buckle.
- Lightweight and hand washable.

117821
117822

WOMANSWORK® HIP HOLSTER TOOL BELT

STK#	COLOR	EACH
117821	Garden of Paradise	$25.95
117822	Orange/Gray	25.95

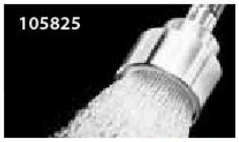
Control weeds, pests and apply fertilizer with one tool.

- Made of high-impact, injection-molded polyethylene.
- Will not corrode, swell, shrink or dissolve when used with accepted, properly prepared agrichemicals.
- No-drift, low-pressure spraying up to 45 PSI.
- Quick pressure release for safe opening.
- Includes free carrying strap, 4' hose and 20" wand with adjustable spray nozzle.
- Weighs a mere 5 lbs. and holds 2.25 gallons (8 liters).

Pressure Sprayer

EZ LIGHTWEIGHT HAND PUMP SPRAYER

STK#	EACH
103969	$13.95


105825

105826

105827

105828

Professional, full flow Water Breakers have 3/4" hose threads and offer gentle, fast or narrow pattern watering for all of your watering needs.

Pro Grade (105825)

- Constructed from cast aluminum with brass threads and offers a fast, gentle full flow that will not damage plants.

Ultra-Soft Redhead (105826)

- Constructed from cycolac plastic and stainless steel. Offers a soft, full flow that is ideal for plugs, seedlings and tender young plants.

Pro Grade with Plastic Head (105827)

- Constructed from high-impact cycolac plastic and aluminum. Offers a gentle, yet fast full flow that will not damage plants or wash away soil.

Narrow Pattern Water Breaker (105828)

- Constructed from high-impact cycolac plastic and aluminum and is designed for low or restricted water pressure/volumes. Ideal for containers and hanging baskets.

WATER BREAKERS

STK#	ITEM	GPM	EACH
105825	Pro Grade	11.1 @ 40 PSI	$20.55
105826	Ultra-Soft Redhead	11.0 @ 40 PSI	18.49
105827	Pro Grade w/Plastic Head	11.1 @ 40 PSI	11.29
105828	Narrow Pattern	7.0 @ 40 PSI	11.29

The Zinc Pistol offers a fully adjustable, contractor-grade nozzle for everything from small jobs to Heavy Duty tasks.

- Features an insulated rubber grip for spraying cold or hot water up to 160°F.
- Flow control knob provides easy adjustment from light spray to powerful jet.
- Threaded tip under the removable cap allows for use with additional watering accessories.
- Triangle clip holds trigger in place to enable continuous water flow and reduce hand fatigue.

ZINC PISTOL W/ RUBBER GRIP

STK#	EACH
117702	$9.95

Meet a variety of watering needs and get years of dependable use with the D Grip Contractor Nozzle.

- Features an insulated rubber grip for spraying cold or hot water up to 130°F.
- Adjustable nozzle allows for complete flow control from fine mist to heavy stream.
- Operates up to 125 PSI.
- Wearing gloves during use is recommended.

D GRIP CONTRACTOR NOZZLE

STK#	EACH
117703	$24.95

Simplify outdoor cleaning and make easy work of hard-to-reach watering spots with the Black+Decker Snake Wand®.

- Designed with an ergonomic TPR comfort grip to reduce hand stress and improve leverage.
- Features 9 spray patterns and flexible, articulating ABS joints for 360-degree watering.
- Convenient on/off switch eliminates the need for turning off faucets.
- Aluminum tube construction provides added durability.
- Front-mounted trigger makes aiming easy.
- 5 year warranty.

BLACK+DECKER SNAKE WAND®

STK#	EACH
117704	$34.95

The Professional All-Purpose sprayer fits onto any hose end and automatically mixes liquid concentrate with water.

- Adjustable-rate precision dial offers 16 mixing ratios.
- Features a durable brass mixing head.
- Sprays up to 100 gallons.
- Built-in anti-siphon feature prevents backflow.

CHAPIN
PROFESSIONAL
MULTI-USE SPRAYER

ALL-PURPOSE SPRAYER

STK#	EACH
117600	$44.95

A Gilmour® Adjustable Rectangular Sprinkler lets you customize your coverage area and is perfect for new growth and gardens.

- This sprinkler features a classic dial design with adjustable length control, making it simple to set desired coverage area up to 3,600 sq. ft.
- Provides gentle spray for delicate plants and re-seeding yards.
- Includes jet cleaner at end of tube to clear out clogged jets.
- Lifetime warranty.

GILMOUR® ADJUSTABLE RECTANGULAR SPRINKLER

STK#	EACH
117811	$15.95

A Gilmour® Heavy Duty Rectangular Sprinkler is easy to use and can be customized to fit the needs of your garden or yard.

- Width control tabs allow each side to be adjusted independently and can be moved into position that best fits desired coverage area.
- Sprinkler includes on/off switch that eliminates trips from sprinkler to spigot and allows for easier fine tuning of water flow.
- Provides up to 4,000 sq. ft. of coverage.
- Features weighted, Heavy Duty metal base for improved stability and durability.
- Lifetime warranty.

GILMOUR® HEAVY DUTY RECTANGULAR SPRINKLER

STK#	EACH
117812	$30.95

NEW The Orbit B-hyve XD Smart Hose Timer turns your hose tap into a programmable sprinkler system in minutes, so you can optimize water flow to your plants, lawn, and more.

- With a two-port design, this convenient and effective smart timer lets users control water flow in two different areas at once.
- Hybrid device allows for manual programming directly on timer, locally via Bluetooth or through Wi-Fi using applicable Wi-Fi hub. Wi-Fi hub sold separately.
- When controlling timer via Bluetooth, users can manage watering schedules conveniently from an app on their smart device up to 150' away.
- By pairing timer with B-hyve Wi-Fi hub, users gain access to smart functions that further streamline irrigation, including automatic watering based on property attributes and local weather data.

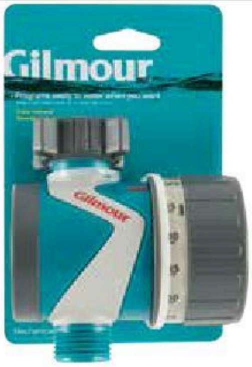
ORBIT B-HYVE XD SMART HOSE TIMER

STK#	EACH
118865	$65.95

- Rain delay feature makes it easy to skip watering of zones on rainy days, minimizing waste and the potential for overwatering.
- Waterproof design protects timer from exposure to the elements in outdoor locations.
- Runtime increments include hours, minutes and seconds. Operating temperature range is 35-122°F.
- Smart timer is designed for a long life and can typically last a full season on just two AA batteries.

The Gilmour Mechanical Watering Timer is easy to use and automatically stops water flow after your desired run time.

- Timer can be manually set for a duration between 1 and 120 minutes.
- Auto shut-off feature turns water off after designated run time and helps prevent waste.
- Employs a metal easy-swivel coupling for quick and secure connection between spigot and hose.
- 2-year warranty.



GILMOUR MECHANICAL WATERING TIMER

STK#	EACH
117770	$16.95

Streamline watering jobs and save time and money all season long with the Gilmour® Electronic Water Timer.

- Single-outlet, programmable timer makes it easy to schedule start time, frequency and duration of watering up to 360 minutes.
- Large, easy-to-read LCD display allows for simple programming.
- Designed with safeguard that automatically shuts water off when battery is low.
- 2-year warranty.

GILMOUR® ELECTRONIC WATER TIMER

STK#	EACH
117810	$34.95

Eliminate stretching and stooping associated with hand watering.

- Handi-Reach handles are compatible with all our water breaker nozzles.
- Constructed from extruded aluminum and brass with a foam-grip handle.
- 3/4" male and female hose threads.
- 11 GPM Touch 'N Flow Pro™ Valve offers unmatched flow and durability in a trigger valve. Features lightweight zinc cast body and rubber molded grip for durability.

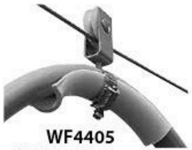
111501

HANDI-REACH WATER WANDS

STK#	ITEM	EACH
105831	24" Handi-Reach	$15.39
105832	30" Handi-Reach	19.95
105833	36" Handi-Reach	17.49
111501	Touch 'N Flow Pro™ Valve	18.49

Corrosion-resistant Hose Trolley Kits adapt to any size greenhouse or building.

- All kits include hose, plus aircraft cable, stainless steel pulleys, hose supports, rope clip and turnbuckle.
- Hose nozzles remain clean, reducing the chance of spreading plant diseases while watering.
- Couplings are never stepped on or crushed.
- Can be used with existing hose bibs and nozzles.
- Corrosion-resistant stainless steel and plastic for long life.


WF4405 Make your own trolley for air or water hose.

CORROSION-RESISTANT HOSE TROLLEY KITS

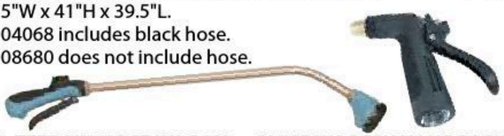
STK#	ITEM	EACH
WF4400	50' Kit	$125.00
WF4410	75' Kit	155.00
WF4420	100' Kit	189.00
WF4405	Pulley Assembly Only	8.85

Take this sturdy hose wagon over the toughest terrain.

- Four 10" pneumatic tires help wagon go almost anywhere.
- Constructed of hefty 1" diameter tubular steel, with axles mounted under (not through) the frame for greater stability.
- Includes 72" of 1/2" feeder hose withbrass couplers.
- Holds up to 300' of 5/8" garden hose.
- 15"L x 8"W x 6"D attached basket is ideal for holding your gloves, garden tools, sprayers and more.
- 25"W x 41"H x 39.5"L.
- 104068 includes black hose.
- 108680 does not include hose.

Hose Wagon Value Pack includes:

- All-Terrain Hose Wagon.
- 250' 5/8" black, 3-ply ValuTek™ garden hose. Couplings included; assembly required.
- Pistol-Grip Spray Gun.
- 28" Watering Wand.



ALL-TERRAIN HOSE WAGON

STK#	EACH
108680	$129.95

HOSE WAGON VALUE PACK

STK#	EACH
104068	$249.95

The Gilmour 7 Pattern Watering Wand ensures ultimate control and comfort while watering hanging baskets and plants.

- This 34" wand offers seven different spray patterns for a wide range of watering options.
- All-in-one thumb control allows for easy adjustment of water flow, without hand fatigue.
- Zinc coupling provides added durability.

GILMOUR 7 PATTERN WATERING WAND

STK#	EACH
117773	$15.95

The MAXLite® Hot Water Rubber+® hose tackles both commercial and home, hot water jobs up to 165°F.

- Premium rubber hose is suitable for use in all weather conditions and maintains its strength, shape and flexibility at high water temperatures.
- Exclusive rubber formula makes hose 40% lighter and twice as strong as other standard rubber hoses.
- 400+ PSI burst strength delivers powerful watering.
- Patented Hose Armour® prevents kinking at the water source.
- Features extra-large, crush-proof aluminum couplings that can withstand being run over by heavy machinery.
- Meets lead-free standards under the Federal Safe Drinking Water Act.

MAXLITE
HOT WATER RUBBER+
25
117699

MAXLITE
HOT WATER RUBBER+
50
117698

SWAN® MAXLITE® HOT WATER RUBBER+® HOSE

STK#	LENGTH	EACH
117699	25'	$47.95
117698	50'	61.95

Swan® CoolTOUCH® Hot Climate Hose maintains shape, strength and flexibility in even the highest temperatures.

- Heavy Duty, proprietary compound prevents kinking or bursting in extreme heat.
- Coating reduces surface temperature by up to 25°F.
- Features extra-large aluminum couplings that are crush-proof up to 4,000 PSI.
- Patented Hose Armour® prevents kinking at the water source.
- 400 PSI burst strength delivers powerful watering.
- Fits all standard faucets and most water accessories.
- Meets lead-free standards under the Federal Safe Drinking Water Act.

50
CoolTOUCH
117700

100
CoolTOUCH
117701

SWAN® COOLTOUCH® HOT CLIMATE HOSE

STK#	LENGTH	EACH
117700	50'	$49.95
117701	100'	99.95

The Swan® Sprinkler+® combines a sprinkler hose and soaker hose into one design.

- Features six holes per foot for a uniform watering pattern.
- Stripe of holes can be placed up to spray a wall of mist or be placed down for a traditional soaker hose.
- Designed with long-lasting couplings and a capped male end for easy draining and storage.
- Meets lead-free standards under the Federal Safe Drinking Water Act.
- 7 year warranty.

117696

117697

SWAN® SPRINKLER+®

STK#	LENGTH	EACH
117696	25'	$17.95
117697	50'	22.95

Stainless Steel Clamps

One-Ear Clamp

Screw Clamp

SCREW CLAMPS

STK#	SIZE	EACH	100 & UP
WF2480†	3/8" to 7/8"	$1.08	$1.05
WF2495*	1/4" to 5/8"	0.98	0.95
WF2490	7/16" to 1"	1.08	1.05
WF2500	1/2" to 1-1/8"	1.08	1.05
WF2510	1/2" to 1-1/4"	1.15	1.09
WF2515	3/4" to 1-1/2"	1.15	1.09
WF2520	3/4" to 1-3/4"	1.15	1.09
WF2540	2-1/4" to 4-1/4"	1.49	1.45

†For use with our 1/4", 3/8" and 1/2" Braided Hose. *For use with 1/4" Hose only.

ONE-EAR CLAMP

STK#	SIZE	EACH	100 & UP
WF2450	for 1/4" ID Braided Hose	$0.61	$0.58

Flexibility makes this hose ideal for farm and commercial applications.

- Manufactured from two layers of PVC and one layer of reinforced polyester.
- Not for use with hot water.
- 100 PSI working pressure.
- 350 PSI burst pressure.
- Maximum continuous length is 250'.
- Priced per ft.

UNCOUPLED BLACK UTILITY/GARDEN HOSE

STK#	HOSE ID	PRICE PER FT. EACH	250' & UP
WF6500A	1/2"	$0.19	$0.15
WF6502A	5/8"	0.25	0.19
WF6504A	3/4"	0.35	0.29
WF6506A	1"	0.45	0.39

Clear Braided Hose will not kink or twist like ordinary hose.

- Use braided hose with brass insert fittings.
- Maximum continuous length: 300'.
- Priced per ft.

CLEAR BRAIDED HOSE

	HOSE		BURST	MAXIMUM WORKING	PRICE PER FT.	
STK#	ID	OD	STRENGTH	PRESSURE	EACH	900' & UP
WF1050A*	1/4"	7/16"	350 PSI	250 PSI	$0.77	$0.74
WF1060A	3/8"	5/8"	275 PSI	225 PSI	0.81	0.78
WF1065A†	1/2"	3/4"	250 PSI	200 PSI	1.02	0.98
WF1067A	3/4"	1"	200 PSI	150 PSI	3.35	3.25

*Use Screw Clamp (WF2495).

†Not for use with our 1/2" PVC Insert Fittings.

Super Duty 5/8" diameter hose available in three lengths.

- Patented foam layers add flexibility and offer maximum kink resistance.
- 5/8" diameter hose are 8-ply construction with garden couplings.
- Exceptionally rugged, all-weather hose withstands the hottest and coldest weather conditions.
- Super Duty, crush-resistant Full-Flo* couplings with built-in washer for tight sealing and unrestricted water flow.
- Polished surface resists abrasions, stains, mold and mildew and will not mar other surfaces.
- Deep gray color.
- 600 PSI.

COUPLED FLEXOGEN GARDEN HOSE

STK#	LENGTH	EACH
115471	50'	$40.95
115472	75'	56.95
115473	100'	71.95

Gilmour
Super Duty
50'
FLEXOGEN
TOUGH
115471

Swan® Heavy Duty Garden Hoses offer strength, flexibility and powerful water flow.

- 400 PSI burst strength delivers powerful watering.
- Patented armor prevents kinking at the water source.
- Lead-free aluminum couplings are crush-proof up to 4,000 PSI and help avoid accidental damage.
- Available in 5/8" and 3/4" diameters. Fits all standard faucets and most water accessories.
- Male and female repair couplings sold separately. Includes clamp.

SWAN® HEAVY DUTY GARDEN HOSES

STK#	ID	LENGTH	EACH
117420	5/8"	50'	$49.95
117421	5/8"	75'	63.95
117422	5/8"	100'	86.95
117423	3/4"	50'	60.95
117424	3/4"	75'	82.95

100
HEAVY DUTY
Soft & SUPPLE
117422

⚠ **WARNING:** Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Plastic Hose Adapter

- 3/4" x 3/4" FGH x FPT, swivel.

PLASTIC HOSE ADAPTER

STK#	EACH
103468	$3.89

Y-Connector With Shut-Off

- 3/4" FGH inlet x 3/4" MGH outlets.

Y-CONNECTOR W/ SHUT-OFF

STK#	EACH	50 & UP
WF1720	$3.99	$3.85

In-Line Shut-Off

- 3/4" FGH inlet x 3/4" MGH outlet.

IN-LINE SHUT-OFF

STK#	EACH	50 & UP
112066	$3.35	$3.25

Plastic Garden Hose Adapters

PLASTIC GARDEN HOSE ADAPTERS

STK #	ITEM	EACH	50 & UP
WF2140	3/4" MGH x 1/2" NPT	$1.39	$1.35
WF2145	3/4" MGH x 3/4" NPT	1.39	1.35
WF2730*	3/4" Washer	0.30	0.29

*Color may vary.

Hose "Y" with Shut-Off allows you to connect two hoses to one outlet.

- Able to shut off one or both hoses.
- 3/4" GH inlet and outlets.

HOSE "Y" WITH SHUT-OFF

STK#	EACH
112186	$17.49

Turn off the water at the hose.

- 3/4" GH inlet and outlet.

HOSE SHUT-OFF

STK#	EACH
112185	$14.39

Make your own hose kit with our fittings.

- Includes one male and one female 3/4" GH fitting.

BRASS HOSE FITTINGS

STK#	HOSE ID	FOR USE W/	PER PAIR
103384	1/2"	WF6500A	$ 6.05
103555	5/8"	WF6502A	11.95
103385	3/4"	WF6504A	15.49
103386	1"	WF6506A	21.45

Blasts dirt.

- 3/16" opening.
- Comfort grip.
- Outdoor use with cold water only.

BRASS SWEEPER NOZZLE

STK#	EACH
112252	$12.35

Hose Repair Couplings extend the life of your garden hose after it's been damaged.

- Fits 5/8" to 3/4" hose.

WF1790

117425

117426

HOSE REPAIR COUPLINGS

STK#	ITEM	EACH
WF1790*	Hose Mender	$3.59
117425	Female Coupling	1.69
117426	Male Coupling	3.15

*Colors may vary.

Boiler Drain Valves are available in brass and plastic.

- 1/2" or 3/4" NPT inlet with 3/4" hose thread outlet.

BOILER DRAIN VALVES

STK#	ITEM	EACH	10 & UP
WF3290	1/2" Plastic	$ 5.95	$ 5.75
WF3300	3/4" Plastic	5.95	5.75
WF3292	1/2" Brass	6.99	6.75
WF3298	3/4" Brass	12.89	12.49

3-Piece Nozzle Set includes a 7-pattern zinc pistol nozzle, adjustable brass tip nozzle and an adjustable brass nozzle.

- Spray adjusts from fine mist to heavy stream.
- Soft dial turret guard.

3-PIECE NOZZLE SET

STK#	EACH
105989	$16.69

Save time and money with this easy-to-use 4-way manifold.

- Manufactured from brass for long life and durability.
- Swivel top allows for easy hookup to water supply.
- Each outlet includes water saving shut-off.
- Includes a 1" x 3/4" reducing bushing and installation kit.

4-WAY BRASS MANIFOLD WITH SHUT-OFF

STK#	EACH
112184	$20.95

Easily change accessories on your garden hose.

- Brass Quick Connects feature comfort grips and fit standard garden hoses.
- Leak proof, rust proof and durable.
- For outdoor use with cold water only.
- Female Quick Connect with Shut-Off automatically stops water flow when accessories are removed.

112012

112013

QUICK CONNECTS

STK#	ITEM	EACH	10 & UP
112012	Female w/Shut-Off	$7.15	$6.89
112013	Male	6.15	5.95

Make your own hose.

BRASS GARDEN HOSE FITTINGS

STK#	ITEM	EACH	10 & UP
WF1747	3/4" x 1/2" MGH x FPT	$4.69	$4.49
WF1748	3/4" x 3/4" MGH x FPT	4.69	4.49
WF1775*	3/4" x 3/4" MGH x MGH	4.69	4.49
WF1735	3/4" x 1/2" FGH x FPT	4.69	4.49
112062	3/4" x 3/4" FGH x FPT	4.69	4.49
WF1755	3/4" x 1/2" FGH x MPT	4.69	4.49
WF1757	3/4" x 3/4" FGH x MPT	4.69	4.49
WF1752	3/4" x 1/2" MGH x MPT	4.69	4.49
112061	3/4" x 1/2" Swivel FGH x FPT	4.69	4.49
112063	3/4" x 3/4" Swivel FGH x FPT	4.69	4.49
WF1770	3/4" x 3/4" Swivel FGH x FGH	5.75	5.55
WF1730	3/4" Garden Hose Cap Round	2.99	2.89

*1/2" FNPT tapped under MGHT.

WF1747

WF1775

WF1735

WF1755

WF1752

112063

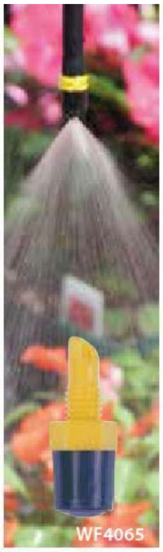
WF1730

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

WF4070

WF4075

WF4060


WF4065

Add Misters and Emitters to AquaCool® Automatic Intermittent Cooling Systems.

360° Adjust-A-Flow Sprinkler Emitter (WF4070)

- 1 to 25 GPH with a diameter of 4' to 25'.
- 10 to 32 NPT (thread size).

180° Adjust-A-Flow Sprinkler Emitter (WF4075)

- 1 to 25 GPH with a radius of 4' to 10'.
- 10 to 32 NPT (thread size).

Droplet Emitter (WF4060)

- 1/2 GPH at 15 to 60 PSI.
- Positive 0.16" barb connection.

Mister (WF4065)

- Rated at 5 GPH at 15 PSI. 360° 3' diameter full-cone pattern.
- 10 to 32 NPT (thread size).

SPRINKLERS AND EMITTERS

STK#	ITEM	EACH	100 & UP
WF4070	360° Adjust-A-Flow Sprinkler Emitter	$1.95	$1.89
WF4075	180° Adjust-A-Flow Sprinkler Emitter	1.65	1.59
WF4060	Droplet Emitter	0.40	–
WF4065	Mister	1.29	1.25

High-volume sprinklers for large areas.

- Dual outlet, sealed flipper enhances performance.
- Nozzle options are colored to identify flow.
- Flippers are color coded to identify normal or inverted use.
- 1/2" male pipe thread.
- 40 PSI.

AC2765

AC2760

AC2762

Inverted Rotor Max™

ROTOR MAX™ SPRINKLERS

STK#	ITEM	COLOR	GPH	THROW DIA.	EACH	50 & UP
AC2760	Midi Sprinkler	Red	127	43'	$6.65	$6.39
AC2762	Inverted Rotor Max™	Red	127	43'	6.65	6.39
AC2765	Inverted Rotor Max™	Black	167	45'	6.65	6.39

Rotor Rain™ Mini Sprinklers can be used with all standard pipe fittings.

- Features low trajectory and large droplets.
- Durable construction with UV-stabilized materials.
- Three color-coded versions flowing from as low as 29.2 GPH to 76 GPH.
- 1/2" MPT.
- Sprinkling diameter from 30' to 42'.
- Corrosion resistant.
- Features break-off spray deflector that can be used with close-in watering of immature trees.

ROTOR RAIN™ MINI SPRINKLERS

STK#	ITEM	GPH	THROW DIA.	EACH	50 & UP
AC2604	Green @ 30 PSI	29.2	30'	$2.95	$2.85
AC2603	Blue @ 30 PSI	38.5	34'	2.95	2.85
AC2601	Red @ 30 PSI	76.0	42'	2.95	2.85

Agri Drip™ Emitters

- A turbulent flow path drip emitter, sealed to maintain preset discharge rates and uniformity.
- Pressure compensating emitters are used in applications where slopes and elevations exist.
- Positive barb connection.
- Suitable for most horticultural tree and row crops and landscaped gardens.

AGRI DRIP™ EMITTERS

STK#	ITEM	GPH	EACH	100 & UP
AC2750	Pressure Compensating Drip Emitter	1	$0.63	$0.59
AC2755	Standard Drip Emitter	1/2	0.50	0.49

Ideal for use with micro-irrigation systems, livestock soaking and cooling.

- Available in two lengths with either 1/2" MNPT adapter or Quick Thread adapter configurations.
- Accommodates all quick thread and any 10/32 thread micro-irrigation sprinklers and misters.
- Can be used in virtually any position. Ideal for suspending from ceiling, using on the ground and on bench tops.
- Sprinkler not included.

Quick Thread

1/2" MNPT

RIGID RISERS

STK#	LENGTH	ADAPTER TYPE	EACH	DISCOUNT PRICE
AC2700	6"	1/2" MNPT	$1.49	$1.45 (50 & up)
107327	12"	Quick Thread	0.98	0.94 (100 & up)

Key Punch™ WF4790

Loop Clamp FA8006

Adapter WF1014

Quick Thread Adapter 107331

Compression fittings increase the versatility of your AquaCool® Systems.

- Adapt any 3/4" MGH fitting to 1/2" compression with this handy fitting.
- Micro Adapter is used in conjunction with low pressure micro-irrigation systems. Durable, UV-stabilized material ensures long life. Ideal for home gardens, landscaping, greenhouses and hanging baskets.

AQUACOOL® ACCESSORIES

STK#	ITEM	EACH	DISCOUNT PRICE
WF1014	1/2" Comp x FGH Adapter	$ 1.35	–
107331	0.16" Quick Thread x Thread Adapter	0.20	$ 0.19 (100 & up)
WF4790	Key Punch™	2.25	–
FA8006	3/4" Loop Clamps, Bag of 100	11.45	10.95 (10 & up)

Protects system lines and emitters from dirt and debris in the water supply.

- Flush valve makes removing sediment quick and easy.
- Manufactured from tough ABS plastic.
- 150 mesh screen.
- 3/4" and 1" Y-Filter both have male inlet and outlet.
- Replacement screens fit both size filters.

Y-FILTERS WITH FLUSH VALVE

STK#	ITEM	SCREEN	EACH
WF1010	3/4" Y-Filter w/Flush Valve	SS	$21.09
WF1020	3/4" Y-Filter w/Flush Valve	Poly	19.85
WF1025	1" Y-Filter w/Flush Valve	SS	21.95
WF1030	1" Y-Filter w/Flush Valve	Poly	20.89
WF1011	Replacement Screen	SS	7.29
WF1021	Replacement Screen	Poly	6.49

Install AquaCool® sprinklers, misters and droplet emitters into rigid PVC pipe with a Micro Spray Adapter.

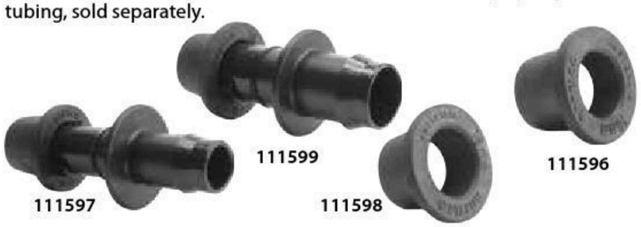
- 1/2" F x 10/32 (thread size of sprinklers and misters).

MICRO SPRAY ADAPTER

STK#	EACH	100 & UP
WF1022	$1.00	$0.95

An improved method of connecting low pressure irrigation tubes and drip lines to polyethylene tubing and PVC mainlines.

- Easy to install, reducing both time and cost of installation.
- Fittings feature collapsible barbs to prevent pull-out and reduce grommet damage during installation.
- 16 mm x 16 mm barb outlet is ideal for use with our 1/2" polyethylene tubing, sold separately.
- 19 mm x 21 mm barb outlet is ideal for use with our 3/4" polyethylene tubing, sold separately.

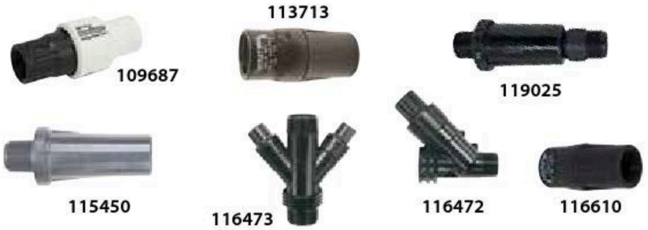


TAKE-OFF FITTINGS AND GROMMETS

STK#	ITEM	EACH	25 & UP
111597	16 mm x 16 mm Take-Off Fitting	$1.05	$0.99
111596	16 mm Grommet for 111597	0.65	0.59
111599	19 mm x 21 mm Take-Off Fitting	1.19	1.15
111598	19 mm Grommet for 111599	0.69	0.65

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

Preset Pressure Regulators



PRESSURE REGULATORS

STK#	ITEM	PSI	EACH
109687	3/4" FPT x 3/4" FPT	10	$ 13.99
113713	3/4" F x 3/4" F	43	12.79
119025	3/4" M x 3/4" MGH	25	13.09
115450	3/4" M x 3/4" F	25	13.09
116472	3/4" F x 3/4" M	35	26.75
116473	1-1/2" M x 1-1/2" M	35	57.95
116474	2" M x 2" F, 4 Outlets	35	225.00
116610	3/4" F x 3/4" F, Low Flow	35	16.45

Green Back® In-Line Valves feature straight-through flow.

- Rapid quarter turn on-off operation.
- Single barb inlet and outlet.
- Operating pressure range 0 PSI to 45 PSI at a temperature to 100˚F.

GREEN BACK® IN-LINE VALVES

STK#	SIZE	EACH
AC2800	1/2"	$3.89
AC2802	5/8"	4.09
AC2804	3/4"	5.15
118933	1"	6.09

Drain Stop Plus by Senninger® has innovative three-in-one design.

- Specially designed for overhead irrigation to prevent draining from applicators when system is shut down.
- Protects plants beneath applicators from damage due to overwatering.
- Allows lines to remain full to help expedite system start-up time.
- Unique 3-mode design. Twist dial to select: Check-Open-Closed.
- Easy-clean feature for debris removal.
- High-impact, engineering-grade thermoplastic construction for durability.
- Flow: 0.25 to 5 GPH.
- Minimum opening pressure: 13.5 PSI.
- Minimum closing pressure: 3.5 PSI.
- Maximum operating pressure: 50 PSI.
- 1/2" MNPT inlet x 1/2" FNPT outlet.

SENNINGER® DRAIN STOP PLUS

STK#	EACH	10 & UP
108010	$9.35	$8.95

Ensure that every plant in your irrigation system receives the same amount of water and fertilizer, regardless of location, for a uniform, high-quality crop. Netafim™ offers the highest level of technology available.

- Patented pressure differential system maintains uniform flow rate at different inlet working pressures, ensuring exact distribution of water and nutrients.
- Check valve feature in drippers ensures that irrigation lines stay full and do not drain into the lowest lying plants.
- We offer all of the pieces necessary to create your customized irrigation system. We recommend our 1/2" (110747A) or 3/4"(110741A and 111627A) Polyethylene Tubing, sold seperately, for use as your supply line.

Woodpecker PC & PC Jr. Drippers
(110412, 110405, 110406, 110409, 110410, 110411)

- Turbonet™ Technology improves dripper performance by widening the tooth pattern and maximizing the flow path velocity, preventing contaminants from clogging the dripper.
- Available in three flow rates: 0.5 GPH, 1.0 GPH and 2.0 GPH.
- Manufactured from high-quality polyethylene. Color-coded bases for easy GPH recognition.
- Recommended operating pressure: 35 PSI. Recommended filtration: 155 mesh.
- Priced per Dripper. Each Dripper has a minimum order quantity of 10.

Dripper Shut-Off Cap (110404)

- Easy-to-install, snap-on cap lets you turn off irrigation at a specific dripper.
- Priced per cap, with a minimum order quantity of 10.

Manifolds (110402, 110400, 110401)

- Flat manifolds are ideal for field applications because the low-profile design and durable construction resists damage from field workers.
- Flat 2-Way Manifold (110402) allows for two dripper stakes. We recommend combining with our 1.0 GPH Woodpecker PC Drippers.
- Flat 4-Way Manifold (110400) allows for four dripper stakes. We recommend combining with our 2.0 GPH Woodpecker PC Drippers.
- Combine Stackable 4-Way Manifold (110401) with Flat 2-Way or 4-Way Manifolds to create additional configurations.
- Priced per Manifold. Each Manifold has a minimum order quantity of 10.

SuperFlex™ UV White Polyethylene Tubing

- Available in 1/8" (110408A) and 1/4" (111046A).
- Ideal for use with drippers, dripper weights, dripper stakes and spray stakes on trees, shrub beds, potted plants and hanging baskets.
- UV and acid-resistant polyethylene resin material withstands the extremes of hot and cold weather much better than vinyl.
- Compatible with all brands and models of drippers that accept either 1/8" or 1/4" micro tubing.
- Reflective, opaque white tubing prevents the growth of algae and produces cooler water temperatures, enhancing plant growth.
- Sold only in increments of 100' or full 1,000' rolls. 1,000' rolls are priced per ft.
- Barb Connector, Barb Tee and Micro Valve allow you to connect two lengths of micro tubing. All sold separately.

Slimline EZ Close™ White Dripper Weight (110413)

- Ideal for hanging basket growers who need to reduce or eliminate hand-watering labor costs.
- One-hand shut-off feature lets you turn off watering to individual baskets, preventing water and fertilizer waste.
- When irrigation lines are more than 36"L, use with Woodpecker PC Drippers (110409, 110410 or 110411).
- Priced per Weight, with a minimum order quantity of 10.

Angled Arrow Dripper Stakes (110403 and 110407)

- Available in two sizes: 3-3/4"L for 4" to 5" pots, as well as hydroponic grow bags and blocks, and 6-3/8"L for larger pots.
- Applying water directly to pots with Arrow Stakes helps prevent the spread of disease and reduces the need for spraying, as pesticides are not washed off by daily watering.
- Priced per stake. Each Stake has a minimum order quantity of 10.

1.0 GPH Angle Barbed Dripper Stake (110745)

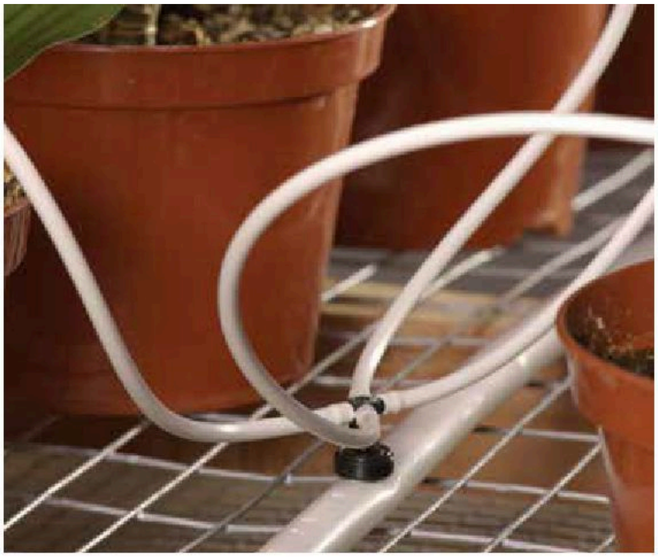
- Unique flow channel down the length of the stake directs water into the container. Features pointed end for easy container insertion.
- We recommend pairing with our 1 GPH Woodpecker PC Jr. (110405) or PC Dripper (110410).
- Priced per stake.

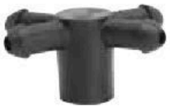
3.2 GPH Spray Stake and Assembly (110415 and 110416)

- Easy to install. Simply pair 3.2 GPH Spray Stake with 36" Dripper Tube Assembly, each sold separately, and connect to supply tubing.
- Spray pattern angles slightly downward to spray the soil for uniform watering and maximum water retention.
- Simple, side-mounted, shut-off mechanism prevents water waste and accidental close-offs.
- Priced per item. Each item has a minimum order quantity of 10.

3 mm Flex Tube Adapter (110414)

- Converts Nipple Outlet Dripper to Barb Outlet Dripper.
- Priced per adapter, with a minimum order quantity of 10.

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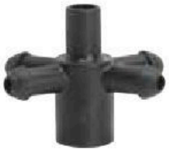
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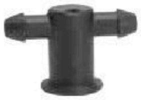
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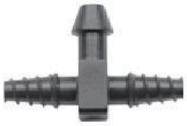
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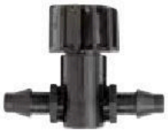
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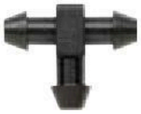
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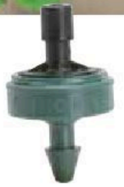
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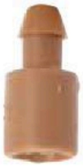
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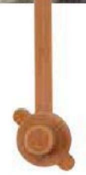
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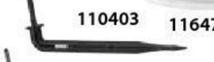
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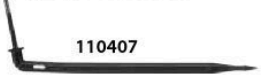
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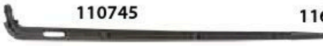
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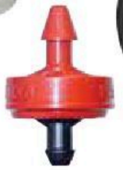
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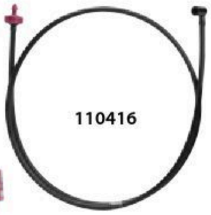
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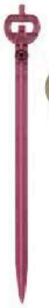
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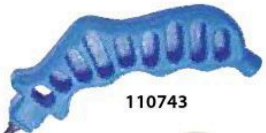
110408A /111046A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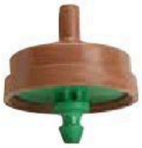
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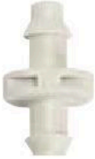
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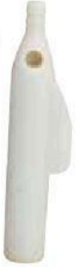

110413

NETAFIM™ GREENHOUSE & NURSERY IRRIGATION COMPONENTS

STK#	ITEM	EACH	DISCOUNT PRICE
110412	0.5 GPH Woodpecker PC Jr. Dripper – Red	$ 0.46 (10-11,999)	$ 0.45 (12,000 & up)
116606	0.5 GPH Woodpecker PC Jr. Dripper, Barbed – Red	0.50	0.48 (250 & up)
110405	1.0 GPH Woodpecker PC Jr. Dripper – Grey	0.46 (10-11,999)	0.45 (12,000 & up)
116607	1.0 GPH Woodpecker PC Jr. Dripper, Barbed – Grey	0.50	0.48 (250 & up)
110406	2.0 GPH Woodpecker PC Jr. Dripper – Green	0.46 (10-11,999)	0.45 (12,000 & up)
116608	2.0 GPH Woodpecker PC Jr. Dripper, Barbed – Green	0.50	0.48 (250 & up)
110409	0.5 GPH Woodpecker PC Dripper – Red	0.50 (10-249)	0.49 (250 & up)
110410	1.0 GPH Woodpecker PC Dripper – Black	0.50 (10-249)	0.49 (250 & up)
110411	2.0 GPH Woodpecker PC Dripper – Green	0.50 (10-249)	0.49 (250 & up)
116609	18 mm Insert Adapter, 1/2" MIPT	1.15	1.09 (100 & up)
110404	Dripper Shut-Off Cap	0.26 (10-249)	0.25 (250 & up)
110414	3 mm Flex Tube Adapter	0.26 (10-249)	0.25 (250 & up)
110402	Flat 2-Way Manifold	0.36 (10-99)	0.35 (100 & up)
110400	Flat 4-Way Manifold	0.36 (10-99)	0.35 (250 & up)
110401	Stackable 4-Way Manifold	0.36 (10-99)	0.35 (100 & up)
110408A*	1/8" SuperFlex™ UV White Polyethylene Micro Tubing	21.09 (10-99)	0.15 (1,000' Roll, per ft.)
116471	1" Bright White Polyethylene Tubing	0.30	0.29 (25 & up)
110744	Barb x Barb Connector, 1/4" Micro Tubing	0.30	0.29 (25 & up)
111046A*	1/4" SuperFlex™ UV White Polyethylene Micro Tubing	15.39	0.15 (1,000' Roll, per ft.)
111048	1/4" Barb Tee, Bag of 25	10.25	9.85 (10 Bags & up)
111047	1/4" Micro Valve, Bag of 10	12.85	12.35 (10 Bags & up)
111044	5 mm Tee, Thread x Barb x Thread	0.36	0.35 (250 & up)
110413	Slimline EZ-Close™ White Dripper Weight	0.77 (10-24)	0.75 (25 & up)
110403	3-3/4" Angled Arrow Dripper Stake	0.26 (10-99)	0.25 (100 & up)
110407	6-3/8" Angled Arrow Dripper Stake	0.40 (10-99)	0.39 (100 & up)
110745	1.0 GPH Angle Barbed Dripper Stake	0.35	0.29 (250 & up)
110415	3.2 GPH Spray Stake – Plum	0.45 (10-49)	0.39 (50 & up)
110416	36" Spray Stake Dripper Tube Assembly	1.18 (10-24)	1.15 (25 & up)
110743	3 mm Punch	41.95	–

*Sold only in 100' increments or full 1,000' rolls. Full rolls are priced per ft. and can be ordered by removing the A from the STK#.

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

110747A/110741A
Also available in white (111627A).

111046A/110408A

110730

111044

111048

110729

110743

111596

111698

111047

110728

110731

110744

111074

110762

111597

Our tubing is manufactured to the highest standards for greenhouse, nursery and agricultural applications.

- Ideal for tree, vine, permanent row crop, greenhouse and nursery applications. Use with riser lines or in subsurface, surface and vine-suspension applications.
- Manufactured from the finest low-density polyethylene resin available.
- UV and acid-resistant polyethylene resin material withstands the extremes of hot and cold weather much better than vinyl.
- Reflective, opaque white tubing prevents the growth of algae and produces cooler water temperatures, enhancing plant growth.
- Available in 1/8", 1/4", 1/2" and 3/4" sizes.

SuperFlex™ UV White Polyethylene Tubing

- Available in 1/8" (110408A) and 1/4" (111046A).
- Ideal for use with drippers, dripper weights, dripper stakes and spray stakes on trees, shrub beds, potted plants and hanging baskets.
- Compatible with all brands and models of drippers that accept either 1/8" or 1/4" micro tubing.
- Sold only in increments of 100' or full 1,000' rolls. 1,000' rolls are priced per ft.
- Barb Connector, Barb Tee and Micro Valve allow you to connect two lengths of micro tubing. All sold separately, below.

1/2" and 3/4" Polyethylene Tubing and Accessories

- 1/2" Black Polyethylene Tubing (110747A): 0.600" ID/0.700" OD. Maximum working pressure: 51 PSI. Sold only in 100' increments or full 1,000' rolls. 1,000' rolls are priced per ft.
- 3/4" Polyethylene Tubing (Black-110741A, White-111627A): 0.820" ID/0.940" OD. Maximum working pressure: 58 PSI. Sold only in 100' increments or full 1,000' rolls. 1,000' rolls are priced per ft.
- Joiners (110732/110728), Elbows (110733/110729) and Tees (110734/110730): Connect multiple lengths of polyethylene tubing. Double barb for increased retention and leak-proof seal.
- 3/4" Barb x MPT Adapter (111074): Connects 3/4" polyethylene tubing to FPT fittings.
- Take-Off Fittings and Grommets (111597/111596/111599/111598): An improved method of connecting low-pressure irrigation tubes and drip lines to polyethylene tubing and PVC mainlines. Use 16 mm fitting with 1/2" polyethylene tubing and 19 mm fitting with 3/4" polyethylene tubing.
- Ratchet Clamps (111697/111698): Ensure secure connection between barbed fittings and tubing.
- End Plugs (110735/110731): For closing ends of polyethylene supply tubing.
- 3 mm Punch (110743): For installation of Woodpecker PC and PC Jr. Drippers.
- 3 mmGoof Plug (110762): Plugs holes from 3 mm Punches. Sold in bags of 10.

POLYETHYLENE TUBING AND ACCESSORIES

STK#	ITEM	EACH	DISCOUNT PRICE
110408A*	1/8" SuperFlex™ UV White Polyethylene Micro Tubing	$ 21.09	$ 0.15 (1,000' Roll, per ft.)
110744	Barb x Barb Connector, 1/4" Micro Tubing	0.30	0.29 (25 & up)
111046A*	1/4" SuperFlex™ UV White Polyethylene Micro Tubing	15.39	0.15 (1,000' Roll, per ft.)
111048	1/4" Barb Tee, Bag of 25	10.25	9.85 (10 Bags & up)
111047	1/4" Micro Valve, Bag of 10	12.85	12.35 (10 Bags & up)
111044	5 mm Tee, Thread x Barb x Thread	0.36	0.35 (250 & up)
110747A*	1/2" Black Polyethylene Tubing	30.85	0.30 (1,000' Roll, per ft.)
110732	1/2" Joiner	0.40	0.39 (100 & up)
110733	1/2" Elbow	0.59	0.55 (100 & up)
110734	1/2" Tee	0.67	0.64 (100 & up)
110735	1/2" End Plug	0.49	0.45 (100 & up)
110741A*	3/4" Black Polyethylene Tubing	47.95	0.46 (1,000' Roll, per ft.)
111627A*	3/4" White Polyethylene Tubing	111.95	0.98 (1,000' Roll, per ft.)
110728	3/4" Joiner	0.50	0.48 (100 & up)
110729	3/4" Elbow	0.81	0.78 (100 & up)
110730	3/4" Tee	0.98	0.94 (100 & up)
111074	3/4" Barb x MPT Adapter	1.75	1.69 (50 & up)
111597	16 mm x 16 mm Take-Off Fitting	1.05	0.99 (25 & up)
111596	16 mm Grommet for 111597	0.65	0.59 (25 & up)
111599	19 mm x 21 mm Take-Off Fitting	1.19	1.15 (25 & up)
111598	19 mm Grommet for 111599	0.69	0.65 (25 & up)
111697	#18 Ratchet Clamp for 1/2" Tubing	0.48	0.46 (100 & up)
111698	#23 Ratchet Clamp for 3/4" Tubing	0.58	0.55 (100 & up)
110731	3/4" Plug	0.46	0.44 (100 & up)
110743	3 mm Punch	41.95	–
110762	3 mm Goof Plug, Bag of 10	2.59	–

*Sold only in 100' increments or full 1,000' rolls. For 1,000' roll, remove A from STK#.

Our Netafim™ Field Drip Irrigation Components feature Streamline™ 636 Drip Tape with Turbonet™ Technology for increased flow path velocity, improving dripper performance.

- Ideal for a wide variety of row crops, including tomatoes, melons, peppers and other vegetables.
- We offer all of the pieces necessary to create your customized field drip irrigation system. We recommend our 1/2" (110747A) or 3/4" Polyethylene Tubing (110741A and 111627A), sold separately for use as your supply line.

Streamline 636 Drip Tape (110742C)

- Turbonet™ flow paths have wider tooth patterns, maximizing velocity and eliminating clogging due to debris.
- 8 mil thickness for seasonal or multi-seasonal use, surface or shallow (up to 8") burial.
- 12" dripper spacing.
- 0.4 GPH/100' at 0% slope at 10 PSI.
- Manufactured from high-quality polyethylene, with injection-molded drippers.
- Priced per foot. Sold only in 1,000' increments.

Twist-Lock Drip Tape Connectors (110736A-110739)

- Unique design provides a secure, leak-proof connection. Larger threads for easy and fast hand installation. Chemical, UV and heat resistant.
- Twist-Lock 630 Series TWD x 0.4" Barb (110736A): Connects drip tape to polyethylene supply tubing.
- Twist-Lock 630 Series TWD x 3/4" MPT Adapter (110772): Connects drip tape to garden hose. Use with 3/4" x 3/4" FGH x FPT Brass Garden Hose Fitting (112062), sold separately.
- Twist-Lock 630 Series Tee (110737): Connects three lengths of drip tape to create perpendicular rows. For areas that are hard to reach from the supply line or for running dripper lines around obstacles.
- Twist-Lock 630 Series Coupling (110738): For repair and connecting two sections of drip tape.
- Twist-Lock 630 Series End Plug (110739): For closing end of drip tape row.
- Twist-Lock 630 Series 0.400" Barb with Valve (110740A): Connects drip tape to supply header tubing. Valve allows you to turn irrigation on and off at supply header for specific dripper line.
- 8 mm Punch (110746): For installation of Twist-Lock 630 Series Barbs.

NETAFIM™ FIELD DRIP IRRIGATION COMPONENTS

STK#	ITEM	EACH	DISCOUNT PRICE
110742C*	Streamline™ 636 Drip Tape, per ft.	$ 0.12	$0.11 (9,000' & up)
110736A	Twist-Lock 630 Series TWD x 0.400" Barb	0.95	0.89 (100 & up)
110772	Twist-Lock 630 Series TWD x 3/4" MPT Adapter	0.77	0.74 (100 & up)
110737	Twist-Lock 630 Series Tee	1.59	1.45 (100 & up)
110738	Twist-Lock 630 Series Coupling	0.95	0.89 (100 & up)
110739	Twist-Lock 630 Series End Plug	0.89	0.85 (100 & up)
110740A	Twist-Lock 630 Series 0.400" Barb with Valve	2.95	2.85 (100 & up)
110746	8 mm Punch	57.95	–

*Sold only in 1,000' rolls.

110772

110746

110736A

110737

110739

110738

110740A

NETAFIM
STREAMLINE X

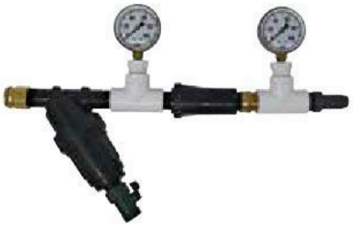
110742C

This Hose Bib Assembly allows growers to easily filter water and maintain proper PSI, leading to a better functioning system.

- A great way to connect water or nutrient solution tanks to the supply header. The assembly helps to filter debris and sediment.
- Ensures water pressure stays within the proper PSI.
- The assembly features one 3/4" brass adapter, one Y-filter, one shut-off valve, two PVC tee fittings, two 3/4" PVC bushings, two 100 PSI pressure gauges, one pressure regulator, one 3/4" brass fitting, one 3/4" adapter, one 3/4" washer, one screw clamp and thread sealing tape.
- Maximum flow rate of 5 GPM.
- For use with streamline 636 drip tape only.

HOSE BIB ASSEMBLY

STK#	EACH
116985	$66.95



NEW The Drip Irrigation Kit provides growers with everything they need to set up their ideal drip irrigation system in a convenient, all-in-one package.

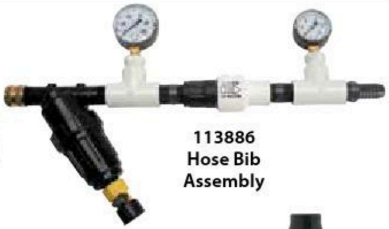
- This comprehensive drip irrigation watering kit comes complete with an Orbit B-Hyve XD Smart Hose Timer, 100' of 3/4" White Polyethylene Tubing, 1,000' of Drip Tape, Hose Bib Assembly, Twist-Lock 630 Series Couplings (x5), Tee (x2), Joiner (x5), 8mm Punch, Twist-Lock Series End Plug (x15), Elbow (x2), Plug (x2) and Twist-Lock 630 Series Barb w/ Valve (x15).
- Included items allow for modular setup, so growers can tailor each system to their exact watering requirements. Has enough tape and fittings to do 10 rows at 100' or 15 rows at 65'.
- Kit is comprised of high-quality components to ensure an efficient, long-lasting drip irrigation system.
- Designed for easy installation and to stay low-maintenance over time. Hooks right to garden hoses for streamlined water supply connection.
- Offers 5 GPM max flow rate.
- Included drip tape has 12" dripper spacing.

DRIP IRRIGATION KIT

STK#	EACH
117108	$455.00

NETAFIM
STREAMLINE X

110742C Drip Tape



113886 Hose Bib Assembly

110738 Coupling

110740A Twist Lock with valve

117810 Digital Timer

111627A 3/4" Hose (White)

110729 Elbow

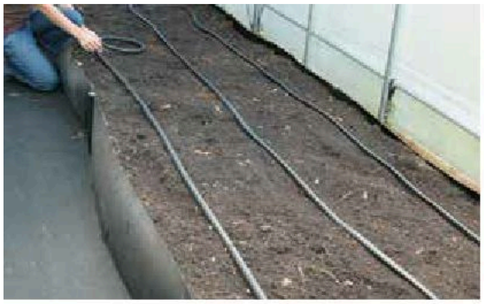
110730 Tee

110746 8 MM Punch

110739 End Plug

110731 Plug

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠



1. Lay our Swan® Soaker Hose in place and secure with our Fabric Securing Staples, sold below. Soaker Hose is available in either 50'L 3/8" ID coupled or 250'L 3/8" ID uncoupled. Both come with a 7 year warranty. Soaker Hose targets the specific area that needs watering, offering precise, gentle soaking and eliminating water waste.

2. Place Weed Guard Ground Cover over the hose and secure with our Fabric Securing Staples. Our 3 oz. per sq. yd. Ground Cover is manufactured from UV-resistant black polypropylene and has a long life expectancy. Fabric Securing Staples are made of 11-gauge steel wire, are 6"L with a 1"W crown.

3. Make slits in the Weed Guard, which is pre-marked every 12" for easy plant alignment, measuring and cutting.

113879

113869

Easy Water 1-2-3 System allows water, nutrients and air to pass through, but stops the weeds. Increase your vegetable yield up to 75%.

- Weeds compete with vegetables for water, light and nutrition. By taking control of these weeds, your production will reach full potential.
- Just sit back and enjoy your bountiful harvest, with no weeding or hand watering.

EASY WATER 1-2-3 SYSTEM

STK#	ITEM	EACH	DISCOUNT PRICE
103797	3' x 100' Roll Weed Guard	$ 41.95	$ 40.95 (6 & up)
103798	6' x 100' Roll Weed Guard	82.95	79.95 (6 & up)
103799	12' x 100' Roll Weed Guard	133.95	128.95 (6 & up)
113879	50'L 3/8" ID Coupled Soaker Hose	23.65	–
113869	250'L 3/8" ID Uncoupled Soaker Hose	104.95	–
115219	Fabric Securing Staples, Box of 100	9.95	–
111525	Fabric Securing Staples, Box of 1,000	69.95	–

*Couplings necessary only when purchasing 250' Uncoupled Hose.

Recycled Lumber
1" x 3"

Simple, economical and efficient watering method saves time and labor costs.

- Mats use a capillary action to hydrate plants from the bottom up, enabling water to reach the root zones.
- Plants grow more uniformly in size and have no leaf spotting as when they are watered from above.
- Ideal for use on your benches, flooring or ground.
- 100% needle-punched polypropylene, non-woven filter fabric is resistant to shrinking, tears, soil chemicals, puncture, ultraviolet exposure, rot and mildew.
- Lightweight, easy-to-handle matting cuts easily and does not fray.
- Sold in 100 ft. lengths.

How to get started:

1. Ideal on your bench top or greenhouse flooring. Also can be used on the ground with our 1" x 3" Recycled Plastic Lumber as side framing.
2. For best results, your bench, ground or flooring area should be as level as possible.
3. Cover area with our 6 oz., 12 mil mat underliner, black side up. This allows the water to spread, but prevents dripping and water loss due to evaporation. Underliner will also extend the life of your matting and makes the system easy to clean.
4. Lay the Capillary Matting over the underliner. Overlap or tightly join any adjacent pieces. Do not allow the matting fabric to hang over the edges.
5. We suggest soaking the fabric prior to setting out your plants. This ensures maximum capillary contact immediately. If possible, keep mats wet at all times. If not, wet at frequent intervals.
6. Works best with plastic pots.
7. Shown here using our Soaker Hose, available coupled in 50 ft. length and uncoupled in 250 ft. length.

CAPILLARY MATS AND ACCESSORIES

STK#	ITEM	EACH	DISCOUNT PRICE
106223	4' x 100' Capillary Matting	$179.95	$175.95 (6 & up)
106224	6' x 100' Capillary Matting	225.95	219.95 (6 & up)
116632	5/8" x 2-1/2" x 8' Black Recycled Lumber	13.95	12.95 (50 & up)
116633	5/8" x 2-1/2" x 12' Black Recycled Lumber	19.95	18.95 (50 & up)
113879	50'L 3/8" ID Coupled Soaker Hose	23.65	–
113869	250'L 3/8" ID Uncoupled Soaker Hose	104.95	–

*Couplings necessary only when purchasing 250' Uncoupled Hose.

MAT UNDERLINER

		PRICE PER LINEAR FT.	
STK#	WIDTH	20'-599'	600' & UP
CC2961	60"	$1.52	$1.46
CC2971	84"	2.08	2.00
CC2995	144"	3.92	3.77

Panels under 300 sq. ft. incur a small-panel charge of $28.95 (STK# CC3046).

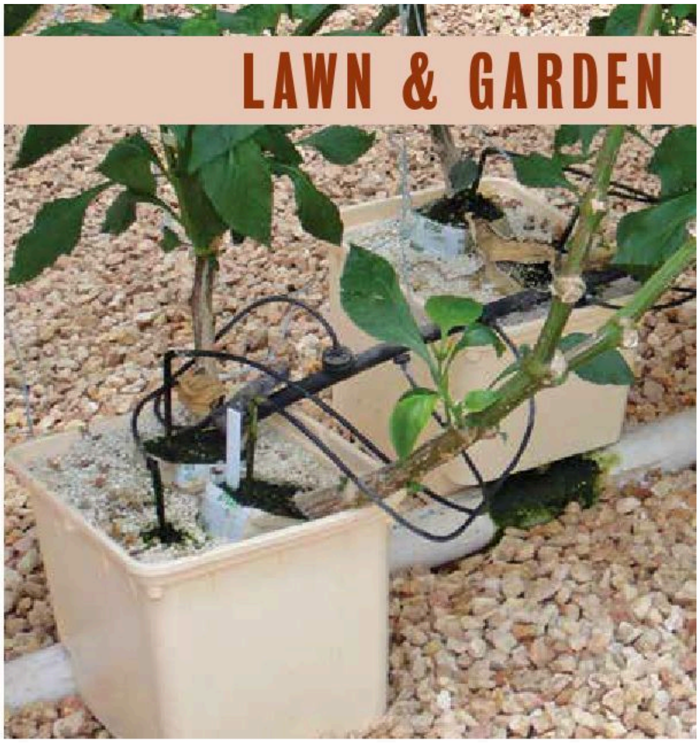
NEW Drip Mate® Micro Irrigation Kits And Accessories provide you with everything needed to set up an efficient drip irrigation system and optimize plant growth, while also conserving water.

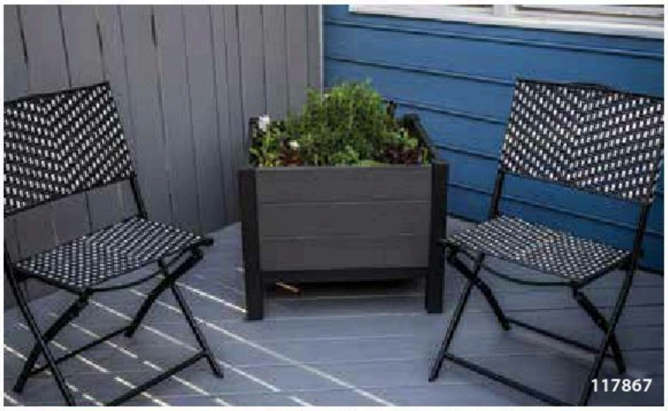
- These convenient kits connect directly to a hose tap or can be connected to an existing sprinkler system using additional components.
- Ideal for use with home and landscaped gardens, container plants, nurseries, flower beds and more.
- Kits require minimal assembly and feature easy-to-read instructions to ensure a simple installation process.
- Constructed with UV-stabilized materials to promote a longer lifespan.
- System components include 50' of 5/8" mainline tubing, 50' of 1/4" distribution tubing, 25 Shrubbler® 360° Adjustable Flow spikes, snap-on tap adapter and snap-on filter.
- Kits also come complete with ratchet clamp, two figure eight end closures, rack of ten goof plugs, elbow, tee and Key Punch™.
- Users can complement each system with additional fittings (118931-118934) to promote uniform growth, regardless of plant location.

DRIP MATE
DRIP KIT

DRIP MATE® MICRO IRRIGATION KIT AND ACCESSORIES

STK#	ITEM	EACH
118930	Irrigation Kit	$59.95
118931	1" Joiner	0.85
118932	1" Elbow	0.85
118933	1" In-Line Valve	6.09
118934	1" Tee	1.09

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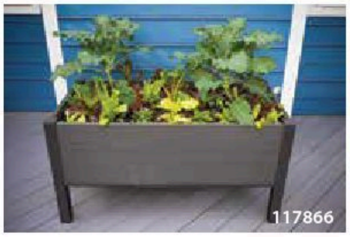
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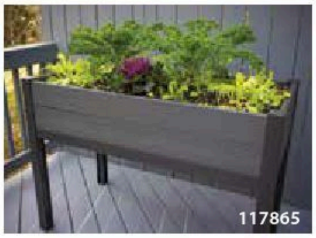
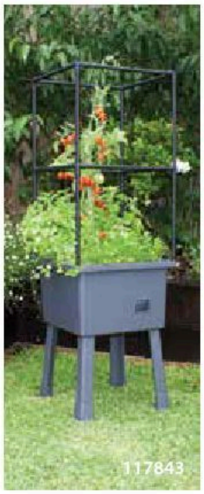

117865

The Frame It All™ Elevated Garden Bed is the ideal solution to gardening with limited space.

- This garden planter features an elevated design that provides ease of maintenance and is perfect for smaller outdoor areas, including balconies or patios.
- Great for growing vegetables, herbs, flowers and more.
- Eco-friendly planter boards are made from recycled plastic composite.
- Durable aluminum construction promotes longer lifespan.
- Planter is easy to assemble and resistant to decay, rot, splinters and splits.

FRAME IT ALL™ ELEVATED GARDEN BED

STK#	SIZE	EACH
117867	27"W x 22"H x 27"L	$189.99
117866	24"W x 25"H x 48"L	289.99
117865	24"W x 34.5"H x 48"L	299.99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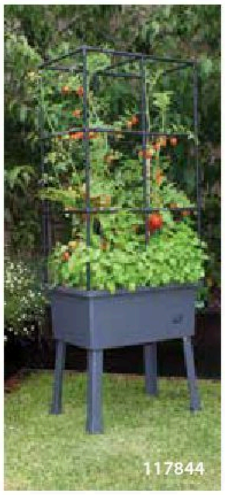
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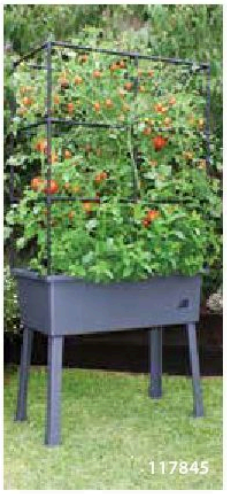
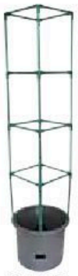

117845

Frame It All™ Self-Watering Elevated Planters allow you to garden more comfortably and with less effort.

- Planters combine elevated design with self-watering reservoir that makes tending garden easier and keeps soil irrigated for several days.
- Perfect for patios, decks and small-space gardening or as easy-access supplement to traditional vegetable gardens.
- Trellis frames provide strong support for heavy plants, eliminating need for constant staking and tying.
- Planters are made from durable fade-proof, food-grade safe polyethylene.
- Box-shaped planters (117843, 117844 & 117845) include greenhouse cover for protection when starting plants earlier or growing later into year.
- Plant Tower Planter (117846) offers adjustable trellis height that helps support plants as they grow.


117846

FRAME IT ALL™ SELF-WATERING ELEVATED PLANTERS

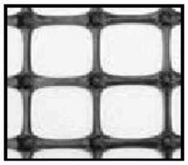
STK#	SIZE	EACH
117843	15.75"W x 63"H x 15.75"L	$ 74.99
117844	15.75"W x 63"H x 23.5"L	99.75
117845	15.75"W x 63"H x 31.5"L	139.95
117846	15"W x 58"H x 15"L	29.99

This unique Poly Geogrid, with superior tensile strength and UV resistance, is ideal for both fencing and stabilization applications.

- Manufactured from a unique, black, biaxially orientated polymer material that is lightweight, flexible and easy to handle, yet extremely durable.
- Mesh size: 1.5" x 1.5".
- Superior UV resistance.
- Offers an attractive, long-lasting and easy-to-install fencing solution. Ask your knowledgeable National Account Manager for installation recommendations.
- Excellent long-term strength of this environmentally safe and friendly polymer material makes it ideal for stabilization, separation, reinforcement and filtration.

BLACK POLY GEOGRID

		PRICE PER ROLL	
STK#	ROLL SIZE	EACH	10 & UP
109750	4' x 164'	$279.00	$249.00
109751	5' x 164'	279.00	249.00
109752	6'6" x 164'	395.00	315.00
109753	7' x 164'	499.00	435.00
109754	8' x 164'	529.00	475.00
116009	13' x 164'	665.00	605.00



Mesh size:
1.5" x 1.5"

Highly visible Orange Safety Fence provides excellent traffic control for work zones and hazardous areas. Black Snow and Sand Fence controls blowing and drifting.

- Compact, 4' x 100' rolls for easy handling and installation.
- UV-stabilized polyethylene ensures durability and long life.
- Lightweight and economical as compared to metal fencing systems.
- Create your own Safety Fence System with our accessories sold below for an effective, economical solution.

Orange Safety Fence (111532)

- Standard weight, 13 lbs. Mesh size: 2-1/2" x 1".
- Meets building code requirements.

Black Snow/Sand Fence (111533)

- Heavy duty, 18 lbs. Mesh size: 2" x 1".
- Well-suited for small animal and bird control.

Fence Accessories

- 6' Fiberglass Fence Posts are designed for long life. Manufactured from E-glass fibers that allow for flexing without breaking. Each fiber is UV protected on both interior and exterior. Flexible as bamboo, but will not rot or fray. Strong as steel, but will not rust. Sold in bulk-packaged quantities of 10. Ground Posts are not needed when using Fiberglass Fence Posts.
- When using our 6'H Heavy Duty, 19-gauge 1.05" OD galvanized steel posts, we recommend our 2' ground posts and post driver for easy installation. Insert ground post about 2' into ground. Place fence post inside it. Finished fence post height will be about 4'. Complete each Heavy Duty post with our 3/4" Schedule 40 PVC End Cap.
- 1/4"W x 1/16" thick black nylon cable ties come 100 per package, are 8"L, UV resistant and have a tensile strength of 120 lbs.
- 12" Heavy Duty ground staples or 6"L, steel wire securing staples securely hold fencing to the ground.

SAFETY AND SNOW FENCE SYSTEMS

STK#	ITEM	EACH	DISCOUNT PRICE
111532	Orange Safety Fence	$57.95	$55.95 (10 & up)
111533	Black Snow/Sand Fence	71.95	69.95 (10 & up)
109113†	11/16" x 6' Fiberglass Fence Post	6.45 per post	–
105368	6' Heavy Duty Fence Post	13.35	12.85 (50 & up)
104543	2' x 1.315" OD Ground Post	5.69	5.25 (25 & up)
104545	Post Driver for 104543	5.75	–
WF2990	End Cap	0.61	0.58 (50 & up)
112057	Cable Ties, Bag of 100	6.59	6.09 (10 & up)
104544	12" Heavy Duty Ground Staple	1.95	1.89 (100 & up)
111525*	Securing Staples	69.95	–

*1,000 per box.
†Sold in packaged quantities of 10.

End Cap

Post Driver

12" Ground Staple

8" Cable Ties

Securing Staples

Ground Post

Heavy Duty Fence Post

6' Fiberglass Fence Post in 11/16" and 3/4" diameters.

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Keep deer and other wildlife out of your garden and orchard areas with this "do-it-yourself" Fencing System.

Poly Mesh Netting

- Our 3/4" x 3/4" Poly Mesh Netting is lightweight, easy to install and ideal for our Deer Fencing System and as anti-bird screen.
- Manufactured from black UV plastic for long life and durability.
- Couple with our Deer Fence System Accessories on, sold separately for an effective, low-cost solution to your deer problems.

A. When using our 19-gauge, 1.05" OD galvanized 6', 8' or 10' fence posts (105368, 104573 & 105S123), we recommend installing at a maximum of 6' to 10' apart. Use our 2' Ground Post (104543) and Driver (104545) for easy installation. Insert ground post 2' into ground. Place fence post inside it. Finish off each post with our 3/4" Schedule 40 PVC End Cap (WF2990). We recommend our Corner Post Assembly when using our galvanized fence posts. Ask your National Account Manager for details. Our Fiberglass Fence Posts are available in 6' and 8' lengths, designed for long life and are an excellent alternative. Manufactured from E-glass fibers that allow for flexing without breaking. Each fiber is UV protected on both interior and exterior. Flexible as bamboo, but will not rot or fray. Strong as steel, but will not rust. Priced per post, sold in bulk-packaged quantities of 10. Priced per post. We recommend installing Fiberglass Fence Posts at a maximum of 6' to 10' apart. Ground Posts are not needed when using Fiberglass Posts.

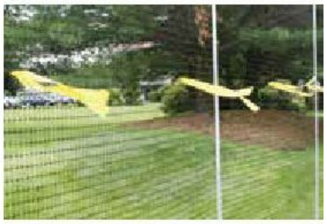
B. Use either galvanized steel (AR1030) or stainless steel (AR3030) 1/8" 7 x 7 cable as a guide wire at top to support your deer fence. 1/8" cable clamps, either galvanized (AS1002) or stainless steel (AS1026) are required.

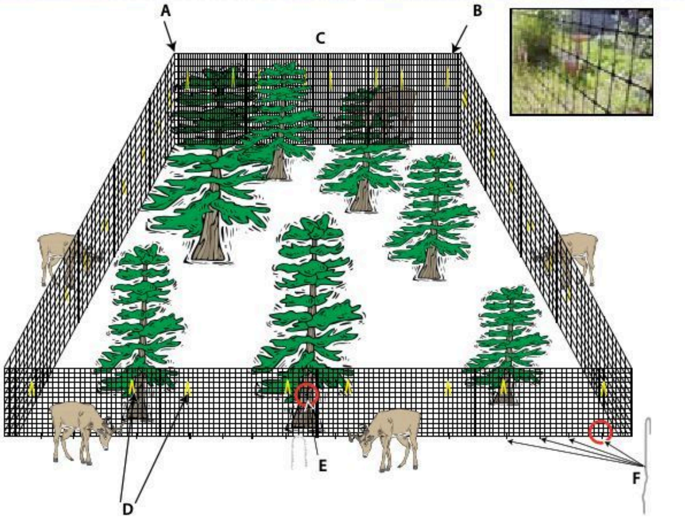
C. 4" UV-resistant black nylon cable ties (112047) hold the cable to the fence along the top. 8" UV-resistant black nylon cable ties (112057) hold the fencing to the posts. Both are strong and durable and will last for many years.

D. Brightly colored Yellow Flagging Ribbon (LJ7802) tied to your fence will warn deer of new barrier.

E. 1-1/4" stainless steel fence staples (FA3390) hold the fencing to the trees surrounding the area to be protected. No rusting.

F. Use our 12" Heavy Duty ground staples (104544), spaced closely, to hold netting firmly to the ground. This will prevent wildlife pests from forcing their way under and will keep your birds from making their way out.

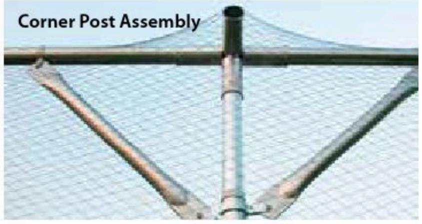




3/4" X 3/4" POLY MESH NETTING FOR DEER FENCING/BIRD NETTING

STK#	SIZE	EACH	4 & UP
109758	4' x 350'	$115.95	$105.95
109760	5' x 350'	169.95	159.95
109761	6' x 350'	215.95	205.95
109762	7' x 350'	245.95	235.95
109755	8' x 350'	289.95	279.95
109756	10' x 350'	355.95	345.95
109757	14' x 350'	375.95	365.95

Mesh Size: 3/4" x 3/4"
Not shown actual size.



Corner Post Assembly

1/8" 7 X 7 CABLE

		PRICE PER FT.		
STK#	ITEM	1'-999'	1,000'-4,999'	5,000' & UP
AR1030	Galvanized	$0.22	$0.21	$0.20
AR3030	Stainless Steel	0.58	0.55	0.53

DEER FENCE SYSTEM ACCESSORIES

STK#	ITEM	EACH	DISCOUNT PRICE
105368	6' Galvanized Fence Post	$ 13.35	$12.85 (50 & up)
104573	8' Galvanized Fence Post	15.39	14.79 (50 & up)
105S123	10' Galvanized Fence Post	18.79	18.09 (50 & up)
109092	Corner Post Assembly for 6' and 8' Fence Posts	135.00	–
109818	Corner Post Assembly for 10' Fence Post	145.00	–
112047	4" Black Nylon Cable Ties, Bag of 100	1.55	1.49 (10 & up)
112057	8" Black Nylon Cable Ties, Bag of 100	6.59	6.09 (10 & up)
AS1002	1/8" Galvanized Cable Clamp	0.63	0.60 (100 & up)
AS1026	1/8" Stainless Steel Cable Clamp	1.49	1.45 (100 & up)
104544	12" Heavy Duty Ground Staple	1.95	1.89 (100 & up)
FA3390*	1-1/4" Stainless Steel Fence Staples	27.95	26.95 (50 & up)
LJ7802	300' Roll Yellow Flagging Ribbon	1.79	1.75 (12 & up)
104543	2' x 1.315" OD Ground Post	5.69	5.25 (25 & up)
104545	Post Driver for 104543	5.75	–
WF2990	End Cap	0.61	0.58 (50 & up)

*Sold by the full pound, approx. 183 staples.

Post Driver

Yellow Flagging Ribbon

Heavy Duty Fence Post

Ground Post

End Cap

Fence Staple

Fiberglass Fence Post

Cable Clamp

12" Ground Staple

FIBERGLASS FENCE POSTS

		QUANTITY	PRICE PER POST	
STK#	SIZE	PER BUNDLE	EACH	25 BUNDLES & UP
109113	11/16" x 6'	10	$6.45	$6.39
109114	11/16" x 8'	10	8.59	8.29

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

For human traffic

For livestock

For cars, trucks and tractors

Bio-Security Mats, your low-cost solution to avoiding low milk yields, disease, quarantines and loss of income.

- No spill, no waste, no contamination.
- It's easy to safeguard your investment in healthy livestock with Bio-Security Mats.
- Disinfectant-filled foam and polypropylene mats help stop the spread of hoof and foot problems, including hairy wart.
- Install in the morning, rinse and dry at night, then refill with disinfectant.
- Cows prefer mats over messy trays, which can splash and spill.
- Disinfectant is forced through by hydraulic pressure from weight of animal, human or vehicle.
- Heavy Duty mats are 1-1/2" thick and hold up under extreme use.
- Manure washes off and urine runs off full mat.
- The toughest mat on the market can be used either indoors or out.
- Ideal for human, car and truck traffic, garages, dairy stalls, utility rooms or anywhere that bio-security is an issue.

BIO-SECURITY MATS

STK#	SIZE	EACH	2 & UP
HA1700*	34" x 22"	$150.95	$145.95
HA1702*	48" x 36"	216.95	208.95
HA1704*	71" x 36"	243.95	234.95
HA1705	Custom	29.85 per sq. ft.	–

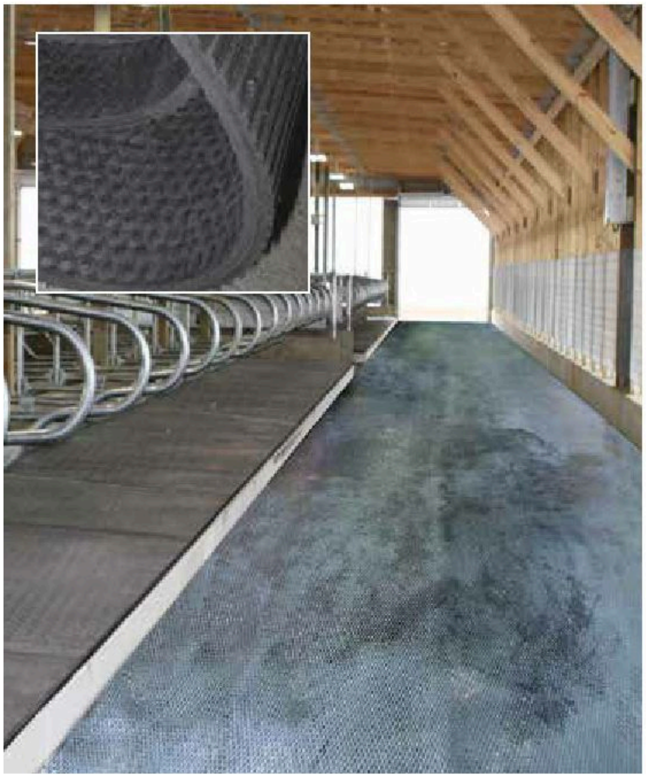
*Finished size may vary +/- 3".

ValuMats provide comfort and help increase productivity.

- 3' x 3' Heavy Duty, interlocking, soft-cushioned, 1/2" thick rubber mat.
- Ideal for restaurants, all workstations, milking parlors, wash-down areas and more.
- Sections can be interlocked to create runners of any length, yet can be taken apart quickly and easily for cleaning and/or removal.
- Slip-resistant surface offers safe footing, while relieving strain on legs and back.
- Promotes air circulation and eliminates trapped moisture.

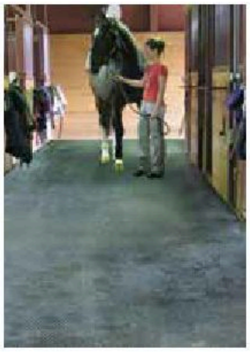
VALUMAT

STK#	EACH	10 & UP
112156	$29.95	$28.95



Dyno Alley Mats are the best all-purpose mats for home, farm, ranch and business.

- Ideal choice for trailer floors, stall walls, alleys and more.
- Rugged, pliable and flexible mats have a high content of natural rubber.
- Features special nylon inlay.
- Anti-slip, hammered top surface and narrow-grooved bottom for added resiliency and evenly disperses air and water. Use the surface that best suits your application.
- Available in both 1/2" and 3/4" thicknesses, in full rolls or custom-cut lengths. Custom-cut lengths have a minimum order of 10 linear ft.



DYNO ALLEY MATS

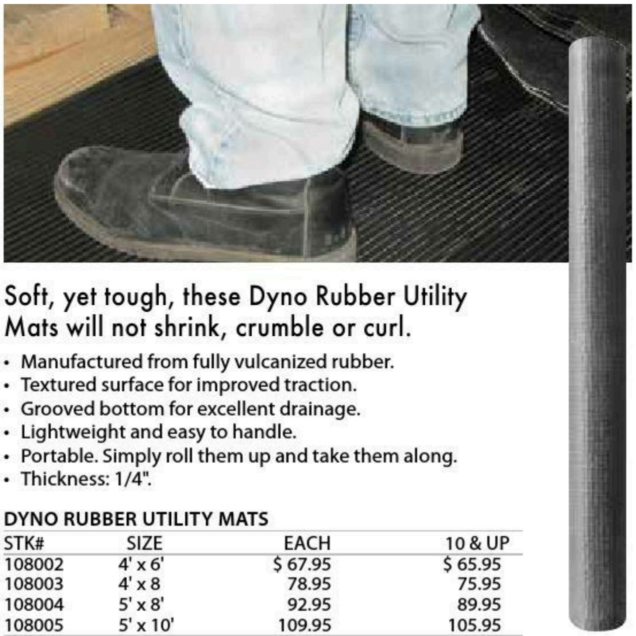
STK#	ROLL SIZE	WEIGHT	EACH
109359	1/2" x 4' x 25'	350 lbs.	$ 559.00
109360	1/2" x 4' x 50'	701 lbs.	1,095.00
109361	1/2" x 4' x 100'	1,402 lbs.	2,129.00
108723	1/2" x 6' x 25'	527 lbs.	895.00
108724	1/2" x 6' x 50'	1,054 lbs.	1,575.00
108721	1/2" x 6' x 100'	2,108 lbs.	3,059.00
108727	3/4" x 6' x 25'	791 lbs.	1,135.00
108728	3/4" x 6' x 50'	1,582 lbs.	2,265.00
108725	3/4" x 6' x 100'	3,163 lbs.	4,449.00

CUSTOM-CUT DYNO ALLEY MATS*

STK#	SIZE	PER LINEAR FT.
109358	1/2" x 4'	$23.95
108722	1/2" x 6'	42.95
108726	3/4" x 6'	52.95

*Minimum order: 10 linear ft.

⚠ **WARNING:** Cancer and Reproductive Toxicity - P65Warnings.ca.gov



Soft, yet tough, these Dyno Rubber Utility Mats will not shrink, crumble or curl.

- Manufactured from fully vulcanized rubber.
- Textured surface for improved traction.
- Grooved bottom for excellent drainage.
- Lightweight and easy to handle.
- Portable. Simply roll them up and take them along.
- Thickness: 1/4".

DYNO RUBBER UTILITY MATS

STK#	SIZE	EACH	10 & UP
108002	4' x 6'	$ 67.95	$ 65.95
108003	4' x 8	78.95	75.95
108004	5' x 8'	92.95	89.95
108005	5' x 10'	109.95	105.95

Mats keep pigs warm and dry.

112033
- Tabs lock mat under a creep divider.
- 1/4" thick.

112034
- Mat with feed-saving lip reduces feed waste.
- 1/4" thick with a 3/8" lip for 5/8" total thickness.

DOUBLE CREEP MATS

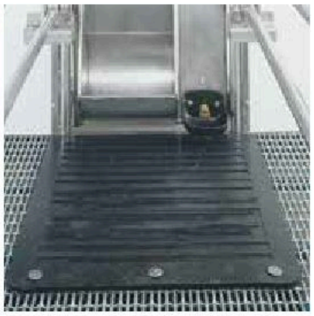
STK #	ITEM	SIZE	EACH	10 & UP
112033	Mat Only	28"W x 42"L	$21.59	$20.75
112034	Mat with 3/8" Feed-Saving Lip	28-1/2"W x 40"L	22.65	21.75

Mats reduce feed cost and improve animal comfort.

- Made of 1/2" thick rubber.
- 28"L x 24"W x 1/2" thick.
- Elevator Bolts sold separately.

FEED SAVER MAT

STK#	EACH
112030	$24.69



The perfect wean-to-finish mat.

- 112031 handles up to 25 head.
- HA1037 and 112032 handles up to 35 head.
- Mats have a 1/4" smooth interior with a lip 7/16"W x 3/8" thick on the exterior border.

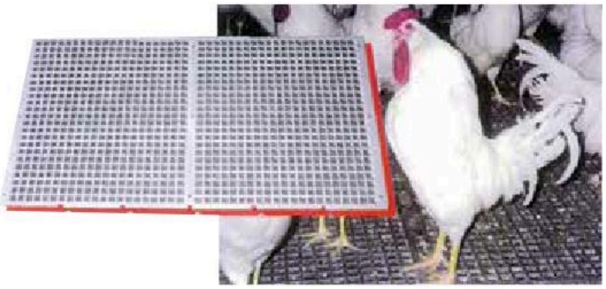
WEAN-TO-FINISH MATS WITH FEED-SAVING LIP

STK#	SIZE	EACH
112031	4' x 4'	$43.95
HA1037*	4' x 6'	53.95
112032	4' x 6'	68.95

*Heavy Duty.

Improves animal health, bird productivity and reduces overall costs. Foot problems and breast blisters virtually disappear. Ideal as greenhouse bench tops and attic flooring.

- Rugged, nonporous polypropylene flooring inhibits bacterial growth.
- Easy to clean and disinfect.
- Lightweight and indestructible.
- Durable, lightweight black panels are 24" x 48" and have 7/8" square openings.
- Place floor panels over existing floor joists, 16" on center.
- Panels can be attached with our Tek Screws, sold separately. Ask your National Account Manager for details.
- Cover the entire area or create a pathway for those difficult-to-reach places.
- Panels can be cut to fit any dimension.
- Ideal as greenhouse bench panels and attic flooring.



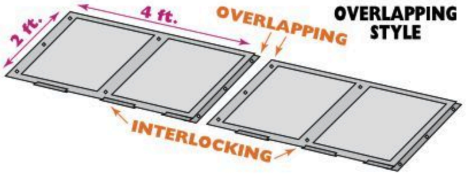
Poultry Flooring

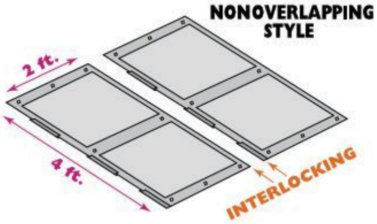
Overlapping Style

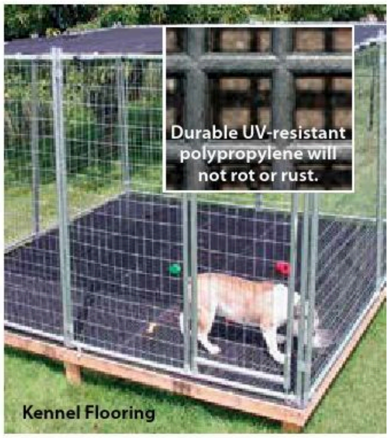
- Slats overlap on the 2' sides, utilizing a single support member.
- Interlock on the 4' sides for easy assembly and strength.
- For decks or pens of any width.

Nonoverlapping Style

- Slats do not overlap on the 2' sides.
- Interlock on the 4' sides for ease of assembly and strength.
- In addition to end supports, slats must have a center support.
- For decks or pens no wider than 4'.



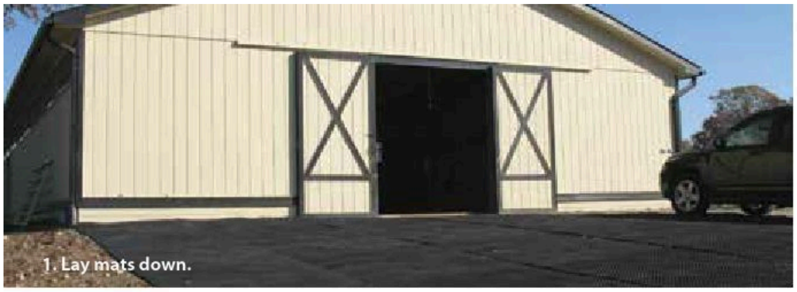




Kennel Flooring

POLYMAX® KENNEL/POULTRY FLOORING

STK#	STYLE	EACH	50-199	200 & UP
HA2215	Overlapping	$30.95	$29.95	$28.95
HA2217	Nonoverlapping	33.95	32.95	31.95

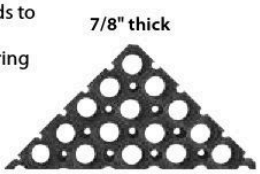


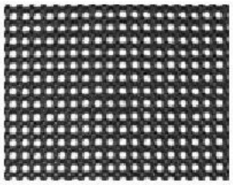
1. Lay mats down.

2. Cover mats with gravel.

Heavy Duty Rubber Ring Mat is designed to permit fast drainage of liquids while maximizing safe footing.

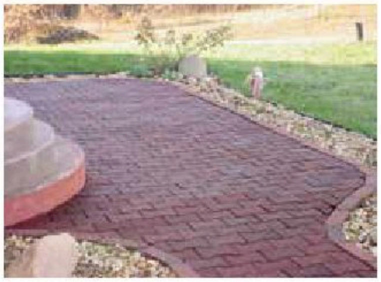
- Manufactured from a blend of recycled and virgin rubber, these mats are ideal for any areas requiring good drainage and for grass retention areas.
- Resilient flooring has received high ratings for comfort for both animals and humans.
- Perfect for use under workbench areas as anti-fatigue mat.
- Use as a pathway covering over dirt or grass. During rainy weather, this mat will keep you out of the mud and will protect the roots of grass so that bald spots will not develop.
- A perfect stabilization solution that is environmentally safe and friendly. Ideal for dirt or grassy roadways and driveways, walkways, parking areas, pasture shelters and barns. Reduces, and actually eliminates, storm water run-off and erosion due to rainfall, flooding or heavy traffic. Reinforce ramps, embankment and even boat launch areas.
- Dimensions: 39" x 59" x 7/8". Weight: 30 lbs.
- Bottom side of mat is held off the subsurface by hundreds of small rubber nubs, allowing the liquids to drain and travel quickly to the subfloor drain.
- Easy to use and easy to install. This Heavy Duty mat is the answer for safe, healthy footing and flooring indoors or out.





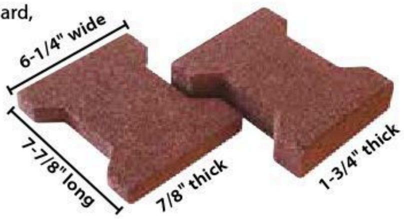
HEAVY DUTY RUBBER RING MAT

STK#	EACH	50 & UP
108620	$56.95	$54.95



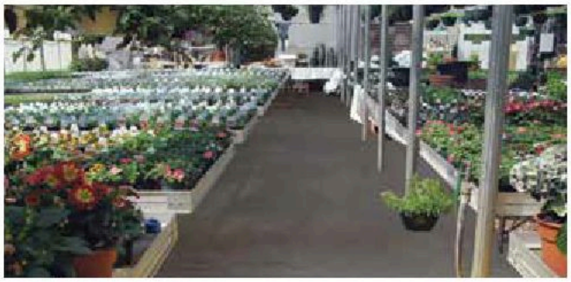
Tough, flexible, long-lasting Champion PaverBlocks™ offer a safe, nonslip surface on walkways, entrance areas, in greenhouses, wash stalls, playgrounds, patios and more.

- Economically priced and environmentally friendly, Champion PaverBlocks™ are manufactured from 100% recycled tire rubber.
- Available in red in 7/8" thickness and 1-3/4" thickness.
- Superior shock absorption and protection, particularly in wash stall or other wet areas due to excellent self drainage—no puddles.
- Ideal for replacing dirty, dusty, slick or hard surfacing.
- Extremely durable and resilient, offering great comfort.
- Sound absorbing for a quieter environment.
- Controls dust and bacteria growth.
- Easy to install and maintain, these interlocking Pavers can be used indoors or outdoors, as either temporary or permanent flooring.
- Chemical, abrasion and weather resistant, these Pavers will not shrink, warp or crack.
- Coverage: 3.4 PaverBlocks™ per sq. ft.
- 7/8" PaverBlocks™ are best installed on hard, resilient surfaceslike concrete, wood or blacktop. To avoid shifting or lifting, it is recommended that a urethane adhesive be applied to the base. 1-3/4" PaverBlocks™ are ideal on all surfaces.



CHAMPION PAVERBLOCKS™

		PRICE PER PAVERBLOCK™	
STK#	ITEM	EACH	DISCOUNT PRICE
109763	7/8" Thick PaverBlock™	$2.69	$2.59 (1,634 & up)
109764	1-3/4" Thick PaverBlock™	3.99	3.85 (874 & up)



Reduce leg and back fatigue. Ideal flooring for people, all small, lighter-weight animals and more.

- Economical mat, with interlocking edges, is manufactured from the highest quality EVA (closed-cell foam).
- Liquids cannot penetrate this nonabsorbent square mat that can be cleaned and disinfected in just seconds.
- Available in black only.
- 39.3" x 39.3" mat weighs only 5 lbs., making it easy to use and install.
- Thickness: 0.78".
- Intended for indoor use only.
- Sheet mat comes complete with border.
- Includes trim.

0.78 inches thick

Mat with trim

DYNO HEAVY DUTY INTERLOCKING EVA MAT

STK#	EACH
117053	$36.95

⚠ **WARNING:** Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Dyno Extreme-Duty Interlocking Mat is ideal for dairy free stalls, horse stalls, trailers, wash racks, cross-tie, grooming and quarantine areas and more.

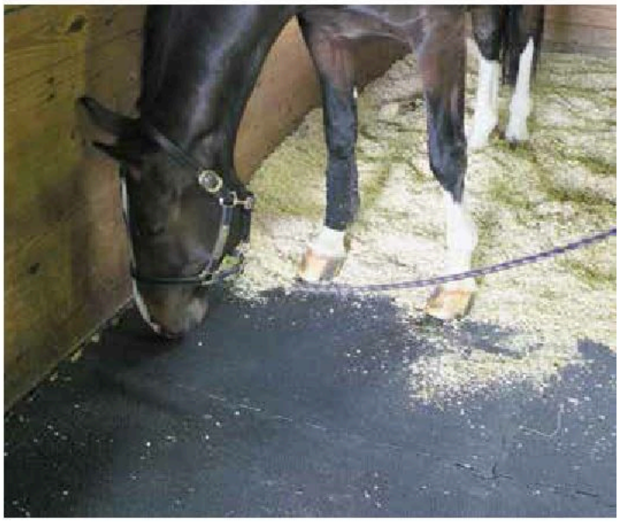
- Manufactured from 100% EVA (ethylene vinyl acetate).
- 48" x 72" mats are 1.18" thick and reversible for extended wear.
- The slip-resistant surface, combined with superior resiliency, provides unmatched safety and comfort for your horse.
- Easy to clean, these mats are a perfect choice in quarantine areas.
- Impermeable, so urine cannot soak into the mat and create odors.
- Intended for indoor use.
- Includes trim.

DYNO EXTREME-DUTY EVA MATS

STK#	PER ROLL
117052	$119.95

1.18 inches thick

Mat with trim

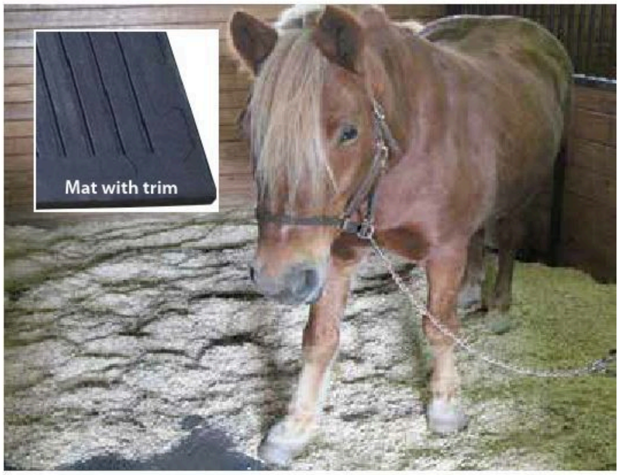


Convenient, interlocking mat clearly improves the health of your horses, livestock or pets.

- Resilient, cost-effective mat is manufactured from 100% re-vulcanized and recycled rubber that has been cleaned of all debris.
- Safe, comfortable and durable, this mat offers stress relief to bones and muscles, better dust control and level, safe floor surfaces.
- 4' x 6' mat is 17 mm thick.
- Tight-fitting interlocks provide a virtual "one-piece" floor and minimize the amount of water or urine that can seep through seams.
- Routine savings up to 50% on stall bedding and you can cut cleaning time in half.
- Good traction under wet conditions is a function of this mat's resilience, texture and raised surface pattern.
- Mats will hold themselves in place, do not need surrounding walls to contain them and are difficult, if not impossible, for horses to pull up or move.
- Includes trim.

DYNO INTERLOCKING RUBBER STALL MAT

STK#	EACH
117054	$109.95



Mat with trim

17 mm thick

Get rid of birds, expensive recurring cleanup, health risks and repair costs with the Electronic BirdXPeller Pro™. This humane solution is ideal for both indoor and outdoor use and effective on a wide variety of birds.

- Expels birds by blasting them with sound waves. This unit automatically broadcasts a variety of naturally recorded bird distress signals and natural predator sounds that frighten, confuse and disorient birds within its effective range.
- Installs easily, mounts almost anywhere.
- Repels different birds with different settings, 24/7. Can also be used in day-only or night-only modes.
- Sleek, weatherproof casing.
- Coverage: up to one acre.
- Power requirements: 110 V AC, 220 V AC or 12 V DC.
- Comes complete with 110 AC adapter with 6' cord.
- UL and CE listed.

ELECTRONIC BIRDXPELLER PRO™

STK#	EACH
DE7060	$305.00

State-of-the-art, solar-powered unit is guaranteed to keep out nighttime predators.

- Maintenance-free, solar-powered units require neither batteries nor electricity.
- Units are completely sealed, protecting against moisture and are high/low temperature resistant.
- Red flashing light automatically turns on at dusk and off at full daylight.
- Concept is simple, but it works. Predators believe the flash to be the eye of another creature and feel threatened, so they stay away.
- Multiple unit locations are most effective. Your knowledgeable National Account Manager will be happy to recommend what is best for your setup.

NITE GUARD SOLAR® PREDATOR PROTECTOR

STK#	EACH
106126	$26.95

Safely and humanely repel pests with a YardGard Pest Repeller. This maintenance-free electronic solution to pest control will save you time and money.

- Ideal for yards, gardens, porches, greenhouses, buildings, or anywhere plagued by annoying pests.
- Repels raccoons, skunks, deer, dogs, cats, bats, rabbits, squirrels and more by emitting harmless sonic or ultrasonic sounds.
- Avoid messy and dangerous chemical repellents with this simple electronic unit. System can be mounted anywhere.
- Provides continuous or motion-sensor operation, and will cover up to 4,000 sq. ft.
- Offers dual operation; uses four C batteries or included AC adapter.
- Weatherproof snap-on rain cover protects controls.

YARDGARD PEST REPELLER

STK#	EACH
109826	$65.95

Rid your home, warehouse and barn of creeping insects and flying pests and enjoy up to 1,500 sq. ft. of pest-free property.

- Three different frequencies will repel mice and bats, flying insects like mosquitoes and gnats, and crawling insects like fleas, ticks, ants, spiders and roaches.
- Safe for humans and non-rodent pets like dogs, cats and reptiles.
- Power consumption is less than 5 W. Includes AC adapter cord.

TRANSONIC BUGCHASER

STK#	EACH
109823	$48.95

Humane and Environmentally Friendly Solar Powered Mole and Gopher Repellent works day and night to protect property.

- Protects from destructive rodents, including moles, gophers, and ground dwelling squirrels and chipmunks.
- Uses chatter sound technology to repel rodents by simulating the natural distress call those burrowing rodents use to warn others of nearby predators.
- Wide range of coverage. One unit protects up to 7,500 square feet of your yard or garden.
- For best results, overlapping two units is suggested.
- This environmentally friendly spike doesn't contain or use any harmful chemicals in order to repel rodents.
- Safe to use around children and pets.
- Package contains 1 stake.

MOLEMAX
Sonic Spike
SOLAR

MOLEMAX® SOLAR STAKE

STK#	EACH
117560	$32.95

End indoor bird infestations.

- This ultrasonic bird control system gets rid of stubborn bird infestations with a "silent to humans" audio attack.
- Surround the infested area with 360° ultrasonic sound coverage that keeps birds and rodents away for up to 6,500 sq. ft.
- Four internal speakers emit high frequency sound waves and audio signals that provide both immediate and long-term bird control.
- Continuous operation, 24/7.
- Ideal for all enclosed or semi-enclosed areas. Not recommended for outdoor use.
- Power input: 12 V DC from 115 V AC/60 Hz or 220 V AC/50 Hz.
- Power consumption: Less than 10 watts.
- UL and CE listed.

QUADBLASTER QB-4®

STK#	EACH
DE7050	$629.00

This low-profile electronic pest repeller uses quiet ultrasonic sounds to evict mice, bats, spiders, cockroaches and other crawling insects.

- This highly effective unit disrupts the pests' habitat through ultrasonic and sonic sound waves, affecting their feeding and communication habits, forcing them to leave the area.
- Intended for indoor use only. Ideal for kitchens, garages, basements, workshops, barns, boats, warehouses, restaurants, stores, sheds and attics.
- Safe for use around humans, including children, and around household pets such as dogs, cats, birds and reptiles.
- Two-speaker system doubles the effectiveness.
- Easy to use. Just plug the system in.
- Coverage: Up to 3,500 sq. ft.

TRANSONIC PRO

TRANSONIC PRO®

STK#	EACH
DE7065	$68.95

Most effective and still the best traps for dry areas.

- Designed to be used in dry areas only like food plants, hospitals, schools, kitchens, and residences, wherever poisons should not, or cannot be used.
- Larger size means increased chances for catching rodents or snakes.
- Ready-to-use and disposable.
- 12-1/2" x 10-1/4".
- Contains two traps.
- USDA permits their use in meat and poultry plants.

STICK-EM CITY RAT & SNAKE GLUE TRAPS

STK#	EACH	12 & UP
102460	$11.95	$11.49

⚠ **WARNING:** Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Control rodents with an effective rat and mouse killer that works even when exposed to the elements.

- 9 lb. containers have 144 1 oz. blocks.
- Packed in tamper-evident, resealable pails.
- Center hole to easily secure bait.
- Mold and moisture resistant.
- Kills Norway rats, roof rats and house mice in wet or dry areas.
- Available in peanut butter or apple flavor.
- Not for sale in Canada.

115461
115460

JT EATON BAIT BLOCKS

STK#	FLAVOR	EACH
115460	Apple	$41.95
115461	Peanut Butter	41.95

Nectus is the go-to rodenticide for pests that are hesitant to take other baits.

- Nectus is a highly attractive bait for rodents, and it is successful in spaces where other food is available to rodents, like food storage warehouses.
- This bait is soft and palatable, making it ideal for use indoors where water is not accessible to rodents.
- Designed with oil compounds to help the bait remain attractive to rodents over longer periods of time.
- The active ingredient in Nectus is bromadialone.
- The bait is packaged in 16 lb. pails that are tamper-evident and resealable. Each piece is individually wrapped in 0.38 lb. pouches.

JT EATON NECTUS

STK#	EACH
115462	$95.95

Quickly reduces and eliminates mole activity. Easy-to-use granular formula lasts up to three full months.

- 100% natural and organic mole repellent is safe for use near pets and humans.
- Protects more area, up to 50% more coverage than other repellents.
- Environmentally safe granular formula is ready to use. No mixing, no spraying.
- Effective in all seasons. Spring and fall applications of Mole Scram™ will prevent mole activity in your yard.
- Convenient 4.5 lb. shaker is ideal for medium-sized lawns, plots or gardens (approximately 3,375 sq. ft.).

Blend stops moles three ways.

- Makes moles' food hard to digest.
- Less food reduces insect activity.
- Makes mole tunnels and surrounding soil smell bad. Mild odor to humans.

MOLE SCRAM™

STK#	EACH
107571	$23.95

The most effective and still the best.

- Stick-Em® Glue Traps are ecologically safe and for use in dry areas only.
- Designed to be used in food plants, hospitals, schools, kitchens and residences, wherever poisons should not or cannot be used.
- Non-drying glue retains its holding power indefinitely.
- Two traps per package.

DE1251
DE1256

STICK-EM® GLUE TRAPS

STK#	ITEM	EACH	DISCOUNT PRICE
DE1256	Mouse Size Glue Traps	$1.79	$1.69 (24 & up)
DE1251	Large Size Glue Traps	3.15	3.09 (24 & up)

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

Rodents consume only one lethal dose and all feeding ceases.

- Highly cost-effective, fast-acting Top Gun™ All-Weather Bait Blocks and Pellet Packs are appropriate for both indoor and outdoor use.
- Formulated with a blend of natural foods preferred by both mice and rats.
- Resealable plastic pail protects from moisture.
- Average time to mortality is 1 to 2 days after ingestion.
- Not for sale in Canada.

Bait Blocks (105408)

- 128 blocks packaged in a 4 lb. freshness pail.

Pellet Packs (111059)

- 128 packs packaged in a 4 lb. freshness pail.

105408
111059

TOP GUN™ ALL-WEATHER RODENTICIDE

STK#	ITEM	EACH
105408	1/2 oz. Bait Blocks	$59.95
111059	1/2 oz. Pellet Packs	99.95

Answer® for Pocket Gophers provides long-term control with just a single application.

- Easy-to-use, 4 oz. blocks are designed to fit easily in gopher burrow.
- Highly palatable, proven effective. Maintains freshness and taste.
- Less hazardous than strychnine or zinc phosphide-based baits.
- Ideal for rangelands, croplands (grain, forage, hay, alfalfa and vegetables), park areas, nurseries, golf courses, vineyards, orchards and homes.
- Not EPA registered or for sale east of the Mississippi.
- Not for sale in Canada.

DE1297

- 1 lb. box contains four 4 oz. gopher blocks.

106222

- 10 lb. pail contains forty 4 oz. gopher blocks, packaged in a tamper-resistant freshness pail.

106222
DE1297

ANSWER® FOR POCKET GOPHERS

STK#	ITEM	EACH	10 & UP
DE1297	1 lb. Box	$ 7.95	$ 6.95
106222	10 lb. Pail	65.95	63.95

All-natural deer repellent offers year-round protection.

- Ideal for landscapers, professional gardeners and home use.
- Highly effective, completely organic, biodegradable granular formula that contains no harmful chemicals or toxins. Safe for you, the animals, your family and pets.
- No mixing or spraying needed. Granular—just sprinkle.
- Repels by an odor that stimulates a strong fear-based response with deer, yet there is no unpleasant odor to humans.
- Rain resistant and can be used throughout all seasons, even in snow.
- Organic nutrients provide and promote enhanced plant growth.
- Costs less per sq. ft. of protection than any other deer repellent on the market today.

107565

107567

DEER SCRAM™ DEER REPELLENT

STK#	ITEM	COVERAGE SQ. FT.	EACH
107565	2.5 lb. Shaker	1,600	$ 22.95
107566	6 lb. Bucket	5,400	39.95
107567	25 lb. Bucket	32,400	129.95

This amazing device can trap up to 8 mice in 1 setting.

- Durable galvanized steel construction.
- Fully mechanical and works without poisons or baits.
- 1-1/4" x 4" window.

WIND-UP REPEATING MOUSE TRAP

STK#	EACH	4 & UP
102478	$19.95	$18.95

Innovative approach to effective rodent control.

- Ideal bait station for all types of rodents.
- Can be mounted on structural beams, on fences, tight to walls, in trees or at ground level.
- Top-loading station can be reloaded quickly and easily without being moved.
- Includes Allen wrench, poison label and hardware for mounting or attaching.
- Made of strong, black polypropylene plastic for long life.
- Dual entry allows rodents to feed from either side.
- Can accommodate up to seven JT Eaton® Bait Blocks.

TOP LOADER BAIT STATION

STK#	EACH	6 & UP
105410	$14.95	$13.95

Effective pest control made easy.

- All-plastic construction.
- Not tamper resistant.
- Snap-on top can be secured with included tie seals.

Rat-Size Bait Station (106218)

- For both indoor and outdoor use. Accepts Stick-Em® Glue Trap (DE1255), sold separately.

Mouse-Size Station (106219)

- Compact, economical, two-piece station is designed specifically for mice.

Mouse-Size Triangular Station (106220)

- Two-piece station has double compartment to hold both liquid and dry baits. Triangular design fits close to walls and in corners.

106218

106219

106220

BAIT STATIONS

STK#	ITEM	EACH	DISCOUNT PRICE
106218	Rat Station	$ 4.69	$ 3.95 (24 & up)
106219	Mouse Station, Box of 24	39.95	38.95 (4 & up)
106220	Triangular Mouse Station, Box of 50	93.95	90.95 (4 & up)

Economical, effective trap requires no bait or poisons. Low profile enables it to be used in low, tight areas.

- Made of galvanized steel.
- Hinged lid for easy emptying.
- Use anywhere, even in FDA and USDA-inspected plants.
- No winding or resetting.
- Holds up to 20 mice.
- Clear window.

REPEATER™ MULTI-CATCH MOUSE TRAP

STK#	EACH	4 & UP
102462	$8.95	$8.49

Gain control over any rat or mouse problem– no matter the size – with reusable Jawz Rat and Chipmunk Traps or Jawz Mouse Traps.

- These traps are made from heavy-duty plastic, and the strong spring allows for quick kills and the strength needed for larger rodents.
- Incredibly easy to clean. The plastic teeth of these traps break the rodent's neck, but do not break the skin. This allows for rodents to be easily disposed of, and the trap can then be rinsed, cleaned and reused.
- Designed to maximize catches and eliminate accidental tripping.
- Red display notifies you that the trap is set.
- Built in reservoir provides a space for bait and also reduces accidental tripping that occurs during the baiting process of conventional traps.
- These traps are easy to set and can be set with your hand or foot.

113774

113775

JAWZ TRAPS

STK#	ITEM	EACH
113774	Jawz Mouse Traps, Pack of 6	$ 8.95
113775	Jawz Rat and Chipmunk Traps, Pack of 6	19.95

Rodent control that meets or exceeds EPA criteria for "tamper resistance."

- Base unit made from strong injection-molded plastic.
- For use indoors and out.
- Unique Gold Key locking system.
- Internal baffles to secure bait.
- Holds 1 oz. block or 1.5 oz. place pack.

TAMPER-RESISTANT BAIT STATIONS

STK#	ITEM	EACH	4 & UP
DE1290	Mouse Station, Pack of 12	$43.95	$42.95

Attracts and Traps Flying Insects

- Ideal for farms, barns, stables, garages, patios and more.
- Covers over 8 feet of space for a superior catch of pests and insects.
- Easy to apply, just hang and pull down like a shade.
- Non-drying glue won't run, drip, or stick to your skin.
- Contains no insecticides.
- Non-Toxic and odorless.
- Package contains 1 jumbo fly catcher.

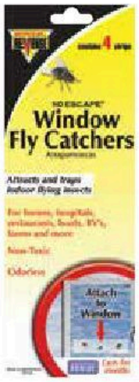
JUMBO Fly Catcher
30' pre-baited roll

REVENGE® JUMBO FLY CATCHER

STK#	EACH
103519	$14.29

Flycatcher conveniently captures insects as they try to escape toward the window and attaches directly to the window for an easy, quick application.

- Designed to catch flies, fruit flies, gnats, mosquitoes, bees, Asian lady beetles and a variety of other home-invading insects.
- Great for homes, restaurants, boats, RV's, farms and more.
- Odorless and nontoxic.
- Glue on one side, removable double-stick tape on the other side makes installation a snap.
- Traps over 40 flies.
- Effective for 60 days.
- Package contains 4 strips.



REVENGE® WINDOW AND SCREEN FLY CATCHERS

STK#	EACH
117559	$8.95

No toxins, insecticides or poisons with Flies Be Gone.

- Powerful, maintenance free and disposable.
- Ideal for use in the poultry industry, on dairy farms, stables, livestock ranches, kennels, home patio areas, waste product areas and restaurant dumpsters.
- Economical to use. Protects an area of more than half a football field for up to 30 days.
- Highly effective, even on pesticide-resistant flies.

FLIES BE GONE FLY TRAP

STK#	EACH	50 & UP
105712	$21.59	$20.75

This effective and humane decoy resembles the most feared of all aerial predators, the Great Horned Owl. Pests will instinctively stay away from this realistic and frightening visual scare repellent.

- Ideal for farms, barns, sheds,warehouses,docks, homes and any other area with pest infestation.
- Life-sized replica has 4' wingspan and accurate markings of a Great Horned Owl.
- Installs anywhere.
- Prowler Owl is effective up to 6,000 sq. ft. when kept in line of sight.
- Head is made from hard resin plastic. Extremely durable body is constructed of strong-weave iron hide fabric supported by woven, flexible cables and riveted plastic struts.

PROWLER OWL DECOY

STK#	EACH
109827	$61.95

Sticky Fly Paper Traps catches nuisance flies and other flying insects

- Attracts and traps flies and other nuisance flying insects in and around your home.
- Hang the tube in areas where flies frequently swarm, such as near windows and doorways.
- Requires no baits to catch flies.
- Easy to use ribbon design with no odor or mess allowing for easy cleanup.
- Package contains 4 ribbons.

TERRO
FLY MAGNET

TERRO® FLY MAGNET STICKY FLY PAPER TRAP

STK#	EACH
117558	$8.95

Contains secret fly lures.

- The Original Fly Catcher.
- Invented in 1861.
- No fumes, nontoxic and environmentally safe.
- Bulk package of 100.

REVENGE
CATCHER

REVENGE BULK-PACKED FLY CATCHERS

STK#	EACH	6 & UP
DE1418	$38.95	$37.95

Fast and effective, CV-80D Flying Insect Killer is ideal for use in barns, stables, livestock and poultry buildings, homes, medical facilities, restaurants, garden centers and more.

- Oil-based fly spray contains natural pyrethrum, making it safe for use in all environments.
- Instantly kills stable flies, horse flies, deer flies, house flies, mosquitoes, gnats and all other flying and crawling insects.
- Environmentally friendly. Contains no CFCs, which deplete the ozone layer.
- 18.5 oz. spray can.

CV-80D FLYING INSECT KILLER

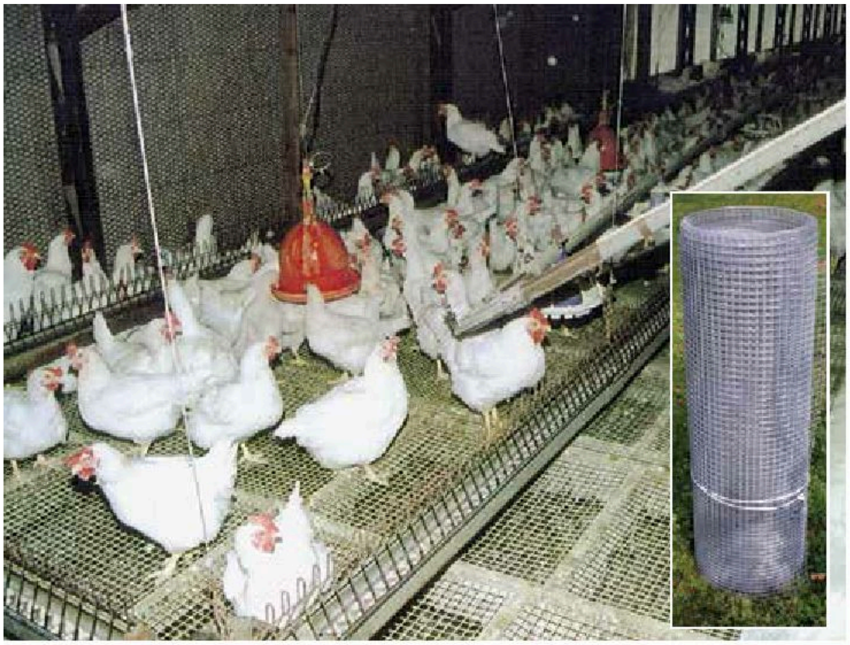
STK#	EACH
110576	$19.95

Frightens away annoying birds.

- Simulates a live predator.
- 4 to 8 balls are recommended per acre.
- 18" in diameter.
- Single Pack contains one yellow Scare-Eye.
- Three Pack contains one yellow, one white and one black Scare-Eye.

BIRD-X SCARE-EYE

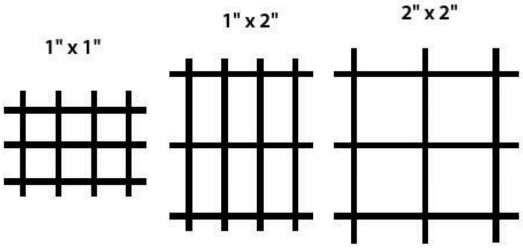
STK#	ITEM	EACH	6 & UP
DE7035	Single Pack	$13.35	$12.85
109819	3 Pack	35.95	34.95



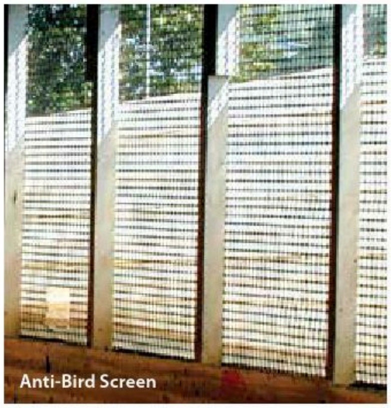
DuraMesh™ Wire is the perfect wire for greenhouse benches, anti-bird screen, cages and garden trellises.

Ideal for making your own greenhouse benches.

- Mesh pattern allows for greater light, better air circulation and improves heating efficiency.
- 1" x 1" mesh is 14 gauge and will hold 10" to 12" pots with 2' supports.
- 1" x 2" mesh is 14 gauge and will hold 4", 6" or 8" pots with 2' supports.
- 2" x 2" mesh is 14 gauge and is great for flats and trays and is most economical.
- Easy drainage means bench stays dry and disease free, and there is no rust or rot.
- Roll length: 100'.



Create your own benches using our Recycled Plastic Lumber, which comes with a 50 year warranty, and our galvanized wire mesh. Plastic Lumber sold separately.



Anti-Bird Screen

GALVANIZED WIRE MESH

		PRICE PER ROLL	
STK#	WIDTH X MESH	EACH	4 & UP
107006	24" x 1" x 1"	$191.95	$185.95
107007	36" x 1" x 1"	267.95	257.95
107008	48" x 1" x 1"	239.95	229.95
107009	60" x 1" x 1"	399.95	385.95
107010	72" x 1" x 1"	449.95	435.95
107011	24" x 1" x 2"	164.95	159.95
107012	36" x 1" x 2"	212.95	205.95
107013	48" x 1" x 2"	267.95	257.95
107014	60" x 1" x 2"	309.95	299.95
107015	72" x 1" x 2"	305.95	295.95
107019	48" x 2" x 2"	129.95	125.95
107021	72" x 2" x 2"	205.95	195.95

This Manual Cage Ringer is used for the fast assembly and efficient repair of cages and netting.

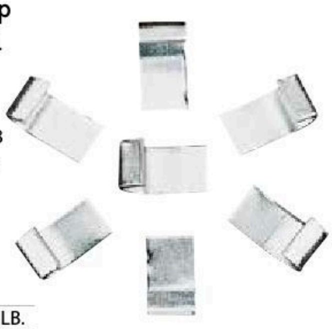
- Convenient one-hand operation.
- Strong, lightweight and portable.
- Reaches confined areas.
- Magazine fed.
- 50 rings per strip.
- 9/16" 15-gauge D rings close to 3/16".

MANUAL CAGE RINGER AND CAGE RINGS

STK#	ITEM	EACH
112149	Cage Ringer	$175.95
109118	2,500 Galvanized Rings	47.95

Plated Cage Clip

- Sold by the pound.
- 5/16" x 1/2".
- Cage clip clincher featured above.
- Approximately 448 pieces per pound.



CAGE CLIP

STK#	PER LB.
TC5010	$5.85

112148

Great for cage repair and construction.

- 3/4" galvanized Cage Rings come 11,000 per box.
- Cage Ringer holds 100 to 110 rings.

SPENAX PNEUMATIC CAGE RINGER AND CAGE RINGS

STK#	ITEM	EACH
112148	Spenax Cage Ringer	$1,139.00
109119	Box of Cage Rings	61.95

Standard Clincher

- For use with Plated Cage Clips, sold separately above.

STANDARD CLINCHER

STK#	EACH
TC5030	$32.95

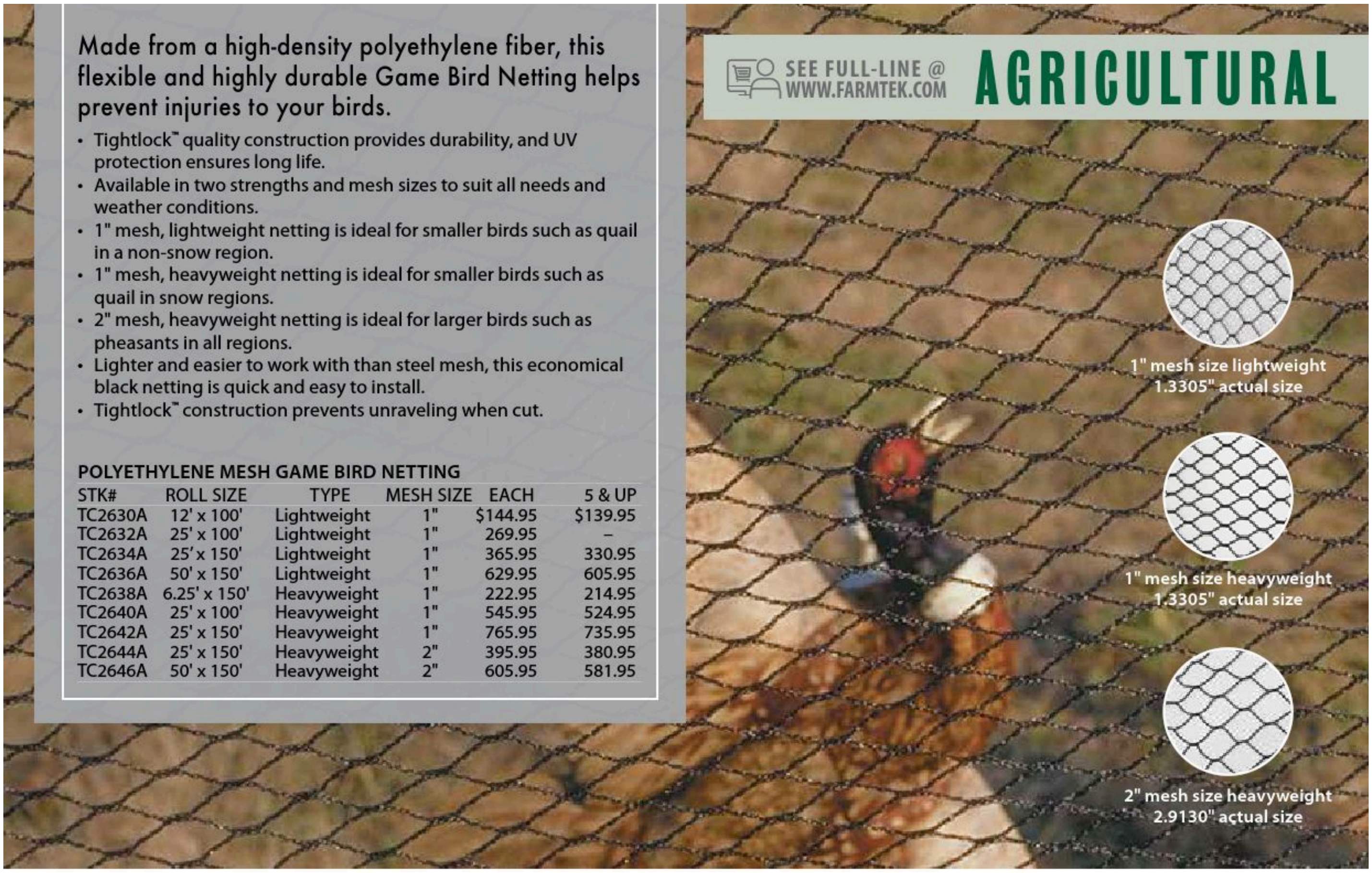
WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

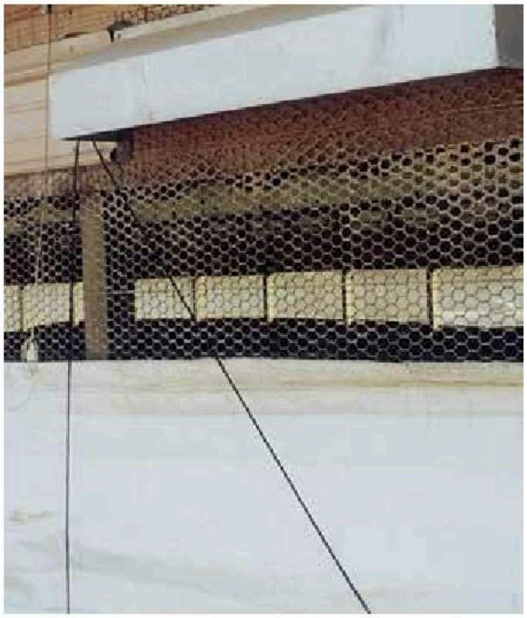
Made from a high-density polyethylene fiber, this flexible and highly durable Game Bird Netting helps prevent injuries to your birds.

- Tightlock™ quality construction provides durability, and UV protection ensures long life.
- Available in two strengths and mesh sizes to suit all needs and weather conditions.
- 1" mesh, lightweight netting is ideal for smaller birds such as quail in a non-snow region.
- 1" mesh, heavyweight netting is ideal for smaller birds such as quail in snow regions.
- 2" mesh, heavyweight netting is ideal for larger birds such as pheasants in all regions.
- Lighter and easier to work with than steel mesh, this economical black netting is quick and easy to install.
- Tightlock™ construction prevents unraveling when cut.

POLYETHYLENE MESH GAME BIRD NETTING

STK#	ROLL SIZE	TYPE	MESH SIZE	EACH	5 & UP
TC2630A	12' x 100'	Lightweight	1"	$144.95	$139.95
TC2632A	25' x 100'	Lightweight	1"	269.95	–
TC2634A	25′ x 150'	Lightweight	1"	365.95	330.95
TC2636A	50' x 150'	Lightweight	1"	629.95	605.95
TC2638A	6.25' x 150'	Heavyweight	1"	222.95	214.95
TC2640A	25' x 100'	Heavyweight	1"	545.95	524.95
TC2642A	25' x 150'	Heavyweight	1"	765.95	735.95
TC2644A	25' x 150'	Heavyweight	2"	395.95	380.95
TC2646A	50' x 150'	Heavyweight	2"	605.95	581.95





DuraMesh™ wire is perfect for anti-bird screen, greenhouse benches, poultry flooring, cages and much more. Durable and versatile, our DuraMesh™ wire will not rust or rot.

- Made of the finest high-quality 20-gauge 1" tensile steel wire mesh.
- After galvanizing, a specially compounded PVC is applied that does not become brittle after years of exposure to the sun.
- Roll length: 150'.

PVC-COATED HEX WIRE

STK#	ROLL SIZE	EACH	9 & UP
TC1800A	1' x 150'	$ 49.95	$ 48.95
TC1810A	2' x 150'	59.95	55.95
TC1820A	3' x 150'	75.95	72.95
TC1830A	4' x 150'	105.95	99.95
TC1840A	5' x 150'	129.95	125.95
TC1850A	6' x 150'	145.95	139.95
110039A	7' x 150'	285.95	275.95

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

Hova-Bator Incubators and Automatic Egg Turner are ideal for small-scale poultry raisers.

Hova-Bator Incubator (111987)

- Most economical small incubator.
- Two 5" x 4" observation windows allow full view of mirror.
- Comes complete with thermometer and wafer, snap-action thermostat.
- Thermal air flow through exhaust vents.
- Capacity: 42 large chicken eggs. Can hold a greater quantity of smaller eggs.
- Dimensions: 18-1/2" x 18-1/2" x 9-1/2".
- 110 V.
- 1 year manufacturer's warranty.

Automatic Egg Turner (111988)

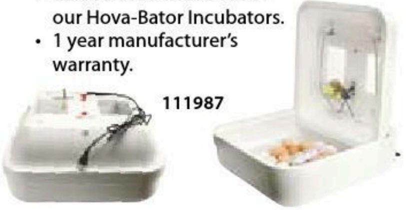
- Makes daily egg turning easy during incubation.
- Less time consuming and labor intensive than turning eggs by hand.
- Egg turner includes six Universal Egg Racks. Racks hold eggs of any size, from partridge eggs up to duck eggs.
- Capacity: 42 eggs.
- Dimensions: 15" x 15" x 3".
- 110 V AC.
- Can be used with both of our Hova-Bator Incubators.
- 1 year manufacturer's warranty.

Genesis Hova-Bator Incubator (111986)

- Perfect for novices, experts, classrooms and laboratory settings.
- Thermostat is preset for bird eggs and regulates itself. Command setting is never affected by a change in temperature, humidity or dust.
- Thermostat can be set as low as 60°F.
- LCD displays set temperature, actual temperature and humidity percentage. Both Fahrenheit and Celsius temperatures are shown.
- Includes picture window and plastic bottom liner.
- Dimensions: 18-1/2" x 18-1/2" x 9-1/2".
- Capacity: 50 chicken or ducks eggs or 130 quail eggs.
- 110 V AC/12 V DC. TUV listed.
- 1 year manufacturer's warranty.

HOVA-BATOR INCUBATORS AND AUTOMATIC EGG TURNER

STK#	ITEM	EACH
111987	Hova-Bator Incubator	$109.95
111986	Genesis Hova-Bator Incubator	257.95
111988	Automatic Egg Turner	82.95


111987

111988

111986

Four-light brooder is ideal for farm or broiler plant operations.

- Equipped with a wafer thermostat which automatically controls two of the four lamps. Thermostat can be adjusted to turn off two of the lamps when a desired temperature has been reached. Lamps will be automatically activated when temperature drops below the desired setting.
- Eliminates unnecessary use of the lamps, as well as prolonging the life of the unit and bulbs.
- Includes 6' suspension chain and 6' cord.
- Uses up to 250 W heat lamps, not included.
- 120 V.

INFRARED BROODER

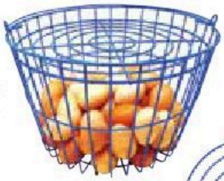
STK#	EACH	6 & UP
105805	$179.95	$169.95

Plastic coated to ensure proper cushioning of eggs.

- Plastic coating also prevents rusting during egg washing process.
- Hard plastic handle provides added comfort for the user.
- Dimensions: 14" top diameter x 9"H x 10" bottom diameter.
- Capacity: 15 dozen eggs.

An egg basket grid helps keep eggs in the basket.

- Simply place grid on top of egg basket (110079) to keep eggs from floating away while being washed.
- Basket sold separately.


110079

117607

PLASTIC-COATED EGG BASKET & GRID

STK#	EACH	12 & UP
110079	$36.95	$34.95
117607	8.79	–

Experience quick egg cleanup with our innovative hand Egg Brush.

- Manufactured from rubber-like soft plastic and high-quality sandpaper.
- No hard surfaces means this brush will eliminate blind checks and cracks.
- Dimensions: 2"W x 5.75"H x 1.25"D.
- Replacement Sandpaper is priced per unit and sold in quantities of 10.

EGG BRUSH

STK#	ITEM	EACH	100 & UP
110295	Egg Brush	$8.19	–
111159	Replacement Sandpaper	2.25	$2.19

Safely transports up to 360 eggs.

- Constructed from durable plastic for long-lasting use and easy cleaning.
- Designed for use with our 30-Egg Tray (110085).
- Can also be used to transport eggs packaged in 1- and 2-dozen egg containers.

30-DOZEN EGG CASE

STK#	EACH	50 & UP
110081	$35.95	$34.95

Molded fiber Egg Cartons and Filler Flat are made from 100% reclaimed paper, are biodegradable and compostable.

Egg Carton (117494)

- This 2 x 6 egg carton holds one dozen eggs, offers superior egg protection and allows for faster cooling and greater visibility of eggs.
- Sold in pre-bundled packages of 150.

MasterVue® Egg Carton (110221)

- This 2 x 6 egg carton holds one dozen eggs, offers superior egg protection and allows for faster cooling and greater visibility of eggs.
- Sold in pre-bundled packages of 250.

MasterVue® Jumbo Egg Carton (110291)

- Offers superior protection for larger eggs.
- 2 x 6 jumbo egg carton holds one dozen larger eggs and allows for faster cooling and greater visibility.
- Sold in pre-bundled packages of 200.

MasterVue® 18 Count Egg Carton (117760)

- This 3 x 6 egg carton holds eighteen eggs, while providing superior egg protection and allowing for faster cooling and greater visibility.
- Sold in pre-bundled packages of 230.

Full Filler Flat (117353)

- This 5 x 6 flat holds 30 eggs, allowing you to capitalize on larger packaging.
- Sold in pre-bundled packages of 140.

EGG PACKAGING

STK#	ITEM	EACH
117494	Egg Carton, Bundle of 150	$62.95
110221	Egg Carton, Bundle of 250	79.95
110291	Jumbo Egg Carton, Bundle of 200	67.95
117760	18 Count Egg Carton, Bundle of 230	93.95
117353	Egg Filler Flat, Bundle of 140	42.95

117494

110221

Space out to accommodate your larger sized eggs.

117353

117760

110291

Chick-Inn Laying Nests promote poultry health, greater egg production.

- 4-Hole and 6-Hole Laying Nests, with plastic lids and front and back partitions, are ideal for smaller or specially configured pens.
- Popular 8-Hole and 10-Hole Laying Nests are made of galvanized steel and are easy to assemble with a pop rivet gun.
- High front and back panels prevent litter from being scratched out of nests.
- Removable plastic bottom inserts on 4, 6 and 8-hole nests are easy to clean, keeping birds healthier.
- Perches are hinged upward.
- Nest pads, sold separately below, offer comfort, reduce chances of bacterial contamination and encourage hens to use proper nesting sites. We recommend one nest pad for each nest hole.

105356

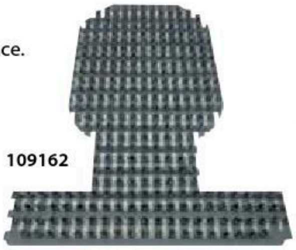
103675

CHICK-INN LAYING NESTS

STK#	STYLE	SIZE	EACH	DISCOUNT PRICE
103674	4-Hole	24"W x 33"H	$236.95	$227.95 (4 & up)
103675	6-Hole	36"W x 33"H	257.95	247.95 (4 & up)
103676	8-Hole	48"W x 33"H	305.95	295.95 (4 & up)
105356	10-Hole	60"W x 34-1/2"H	229.95	219.95 (4 & up)
EH1406	Gray Nest Pad	12" x 13"	5.25	5.05 (100 & up)

Rollout nest offers easier egg collection, less breakage.

- Individual rollout bottoms on each of the ten nests is a huge convenience.
- Eggs are cleaner, with less breakage.
- Rustproof, heavy galvanized steel frame measures 60"W x 33"H with 11.5"W x 7"H holes.
- Easy to assemble with a pop rivet gun.
- Optional, die-cut Rollout Nest Pad is sold separately.


109162

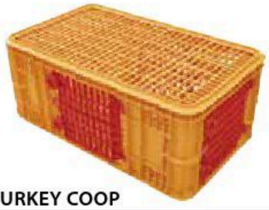
103919

10-HOLE FRONT ROLLOUT NEST

STK#	ITEM	EACH	4 & UP
103919	Rollout Nest	$495.95	$479.95
109162	Rollout Nest Pad	8.19	7.89

Super-size plastic coop is ideal for turkey, duck and other large poultry. Largest coop available on the market.

- Easily transport up to eight mature turkeys.
- Two side doors and one end door for easier loading and release.
- 23"W x 15"H x 39"L.



OVERSIZED TURKEY COOP

STK#	EACH	6 & UP
105799	$201.95	$195.95

Transport pheasant or poultry safely, efficiently.

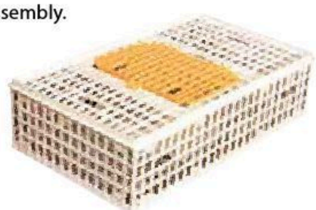
- Tough, stackable, plastic game bird coop holds pheasants of all sizes.
- Raised bottom helps to keep birds clean and aids in stacking.
- 8" x 13" top and side doors for faster filling and releasing.
- Birds can be released from truck or trailer without unstacking.
- Inside height is only 8.85" to help prevent injury from activity.

STACKABLE GAME BIRD COOP

STK#	SIZE	EACH
103920	24"W x 11"H x 32"L	$175.95

Low-cost way to transport up to 14 full-grown birds.

- Excellent choice for the hobbyist or small birder.
- Open bottom and single door on top.
- High-density polyethylene plastic is durable and washable.
- Easy assembly.

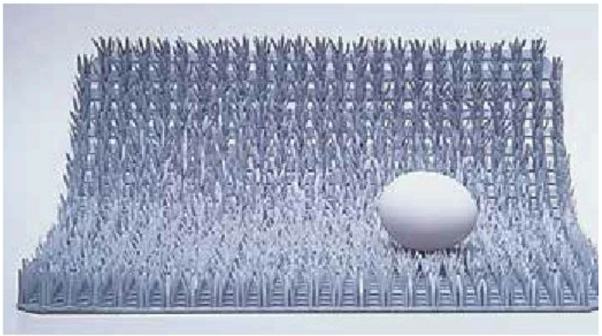


POULTRY TRANSPORTATION COOP

STK#	SIZE	EACH
103921	22.5"W x 11"H x 38.5"L	$99.95

Designed to allow better air circulation and deter manure buildup.

- 12" x 13" nest pads, with unique ventilation slot design, allow for maximum air and debris flow, reducing the percentage of contaminated eggs.
- Clean-up time is quick and easy.
- Molded from a special UV-resistant plastic, these pads have a useable life expectancy of up to seven years.
- Offers comfort to your hens, while resisting lice, insects, rot, mildew and fungus growth.
- Encourages hens to use the proper nesting site.
- We recommend one nest pad for each nest hole.
- Height of pad is 1/2".



GRAY NEST PAD

STK#	EACH	100 & UP
EH1406	$5.25	$5.05

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

117932

OverEZ Chicken Coops are constructed out of high-quality wood and allow you to comfortably house chickens year-round in any climate.

- These Heavy Duty red chicken coops are built to last years and can be used in hot or cold conditions.
- Flooring and siding are designed with treated resin, ensuring superior moisture resistance and helping with moisture levels that chickens naturally produce.
- Convenient roof profile helps ensure rainwater runs off back of chicken coops, keeping water runoff away from nesting boxes.
- Ceilings feature radiant barrier sheathing that helps keep coop cooler during summer heat.
- Each coop comes complete with screened window(s), nesting boxes, vents, roosts, man door and chicken door with treated wood ramp.
- Coops can be quickly and easily assembled with only a screw gun. Easy-to-read instructions included.
- Standard shipping free for orders in continental U.S. Excludes Hawaii and Alaska.
- Chicken coops can be returned in original packaging within 30 days of purchase and must be unused.

117930

117931

117932

117933

117934

OVEREZ CHICKEN COOPS

STK#	ITEM	COOP SIZE	DOOR SIZE	# OF BIRDS	EACH
117930	Small Chicken Coop	45"W x 54-1/2"H x 34"L	11-1/2"W x 30-3/4"H	5	$1,199.00
117929	OverEZ Coop In A Box	45"W x 54-1/2"H x 34"L	11-1/2"W x 30-3/4"H	5	999.00
117931	Medium Chicken Coop	52-1/2"W x 62-1/4"H x 50-1/4"L	17"W x 38'H	10	1,499.00
117932	Large Chicken Coop	60"W x 72-1/2"H x 74"L	20-3/8'W x 43"H	15	1,999.00
117933	XL Chicken Coop	60"W x 72-1/2"H x 98"L	20"W x 43'H	20	2,999.00
117934	Jumbo Chicken Coop	60"W x 72-1/2"H x 146"L	20"W x 43"H	30	3,999.00

117937

117938

OverEZ Walk-In Chicken Runs give your flock the freedom to roam, while still keeping them safe and secure.

- These versatile chicken runs can stand alone or be attached to any OverEZ Chicken Coop (117930-117934) using included adapter. Also compatible with other chicken coops.
- Designed with durable, pre-painted steel square tubing and 15 gauge wire mesh.
- Features walk-in door with hinges and latch for easy access.
- Orders in continental U.S. include free standard shipping. Excludes Hawaii and Alaska.
- If unused and in original packaging, chicken runs can be returned within 30 days of original purchase.

OVEREZ WALK-IN CHICKEN RUNS

STK#	ITEM	SIZE	EACH
117937	8'Walk-In Chicken Run	6'6"W x 6'3"H x 7'6"L	$1,199.99
117938	15' Walk-In Chicken Run	6'6"W x 6'3"H x 15'L	1,899.99

The OverEZ 8' Walk-In Chicken Run Tarp helps keep your chickens cool and dry while you give them room to roam.

- This dependable tarp is made with Heavy Duty canvas and fits securely to chicken run by wrapping around edges.
- Connects to chicken run using grommets every 12" with ties.
- Designed to cover OverEZ 8' Walk-In Chicken Run (117937).
- Standard shipping free for orders in continental U.S. Excludes Hawaii and Alaska.
- Tarp can be returned within 30 days of original purchase if unused and in original packaging.

OVEREZ 8' WALK-IN CHICKEN RUN TARP

STK#	EACH
117939	$199.99

Give your flock a clean living environment and help prevent disease.

- This powerful misting cleanser and deodorizer is all-natural, 100% organic and safe to use around chickens.
- Multi-use cleaner can be used with OverEZ Chicken Waterer to keep water clean and prevent unwanted organisms, deposits and film.
- 32 fl. oz.
- Standard shipping free for orders in continental U.S. Excludes Hawaii and Alaska.
- Organic Coop Care Solution can be returned in original packaging within 30 days of purchase. Must be unused.

OVEREZ ORGANIC COOP CARE SOLUTION

STK#	EACH
117936	$29.99

⚠ **WARNING:** Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Poultry Waterers With Legs create the perfect water source for starting a small flock of chicks.

- Legs can be removed for younger chicks, then added to lift the waterer off the ground as birds grow larger.
- Legs help prevent the buildup of dirt and debris in the waterer base.
- Waterers are molded from durable plastic to provide years of use.
- Translucent plastic body simplifies checking the water level.

117440

117441

117442

POULTRY WATERERS WITH LEGS

STK#	ITEM	EACH	6 & UP
117440	1.5-Quart Plastic Waterer	$10.25	$ 9.85
117441	1-Gallon Plastic Waterer	18.49	17.75
117442	2.5-Gallon Plastic Waterer	27.79	26.69

Feeders for chicks, full-grown poultry and game birds.

4 lb. Capacity Feeder With Legs (117443)

- Perfect for starting a small flock of chicks.
- Removable legs can be detached for chicks, and as the birds get larger, legs help raise the feeder off the ground for easier feeding.
- Feeder dimensions: 9.5"W x 11.75"L x 9.5"H
- Holds up to 4 lbs. of feed.

8.5 lb. Capacity Feeder With Legs (117444)

- Minimizes spillage and prevents wasted food with a built-In Feed Saver Ring.
- Made of impact-resistant plastic that won't rust or corrode.
- Feeder dimensions: 11.5"W x 14.75"L x 11.5"H
- Holds up to 8.5 lbs. of feed.

14 lb. Capacity Hanging Feeder (103684)

- Perfect for young quail, pheasant or chicks.
- Pan diameter is 14-1/2".
- High-density polyethylene plastic with galvanized steel center hanging rod.
- Feeds up to 100 growing chicks or 50 layers.

16 lb. Capacity Floor Feeder (103683)

- Adjustable body regulates feed dispensing, saving you money.
- Can be used for chicks, mature quail or poultry.
- Lid is hinged for easy filling.
- Pan is 1-1/2"H x 12" diameter.
- Feeds up to 100 chicks or 50 chickens.

17.5 lb. Capacity Feeder With Legs (117445)

- Molded from durable plastic for years of use and reliable feeding.
- Removable legs raise the feeder off the ground to keep feed free of dirt and debris.
- Feeder dimensions: 15"W x 17.75"L x 15"H
- Holds up to 17.5 lbs. of feed.

117443

117444

103684

103683

117445

POULTRY FEEDERS

STK#	CAPACITY	STYLE	BIRD TYPES	COLOR	EACH	6 & UP
117443	4 lbs.	Floor	Chicks/Full Grown	Blue	$12.35	$11.89
117444	8.5 lbs.	Floor	Chicks/Full Grown	Blue	23.65	22.69
103684	14 lbs.	Hanging	Small Pens/All Birds	Red	20.95	19.95
103683	16 lbs.	Floor	Chicks/Full Grown	Red	24.95	23.95
117445	17.5 lbs.	Floor	Chicks/Full Grown	Blue	36.95	35.49

Strong, sanitary and portable, Chick-Inn Plastic Fountains.

1-Gallon Fountain (103678)

- Popular gallon-size, high-density polyethylene jar.
- High-impact styrene base screws on securely.

1-Gallon Fountain (105800)

- Twist lock, nestable fount is virtually unbreakable.
- Ribbed-design jar adds extra strength.
- Injection molded means smoother inside with no turned-in bottom lip to hold back water and cause bacteria buildup.
- Base is red or orange, depending on manufacturer availability.

3-Gallon Fountain (103679)

- Sure-grip nylon handle makes this easy to carry, even when full.
- Inverted reservoir is supported on four legs.
- Seamless, leakproof design.
- Secure, twist-lock base.
- Easy-to-clean plastic. Water never develops that "galvanized" odor or taste.

4-Gallon Fountain (103680)

- Similar to 3-gallon size, with heavier plastic to hold more water.
- Ideal for larger flocks and hot days.
- Screw-out plug on bottom lets you fill without removing base.

103678 Waters 100 Chicks

105800

103679 Waters 100 Full Grown Birds (stand sold separately)

Platform Stand (103681) for use with 3 and 4-gallon fountains.Not recommended for chicks.

POULTRY AND GAMEBIRD FOUNTAINS

STK#	ITEM	EACH	6 & UP
103678	1-Gallon Fountain	$ 7.15	$ 6.89
105800	1-Gallon Fountain	9.25	8.89
103679	3-Gallon Fountain	26.15	25.15
103680	4-Gallon Fountain	31.35	30.15
103681	Platform Stand	26.75	25.69

103680 Waters 150 Full Grown Birds

Sturdy Galvanized Trough Feeders

- Constructed from durable 26-gauge steel.
- Revolving reel keeps fowl from roosting in or above feed.
- 3/8" lip prevents feed waste.
- Available in three lengths.

110087

110088

110089

GALVANIZED TROUGH FEEDERS

STK#	LENGTH	EACH	DISCOUNT PRICE
110087	24"	$ 7.99	$ 7.69 (24 & up)
110088	36"	19.35	18.59 (8 & up)
110089	48"	23.95	22.95 (8 & up)

Efficient chick feeding with virtually no waste.

- Spill-proof 6 lb. capacity reservoir provides as-needed gravity feed.
- Chicks cannot get in eating area to scratch and waste feed.
- Unique new design prevents overfilling of feed area.
- Made of tough, abrasion-resistant plastic.
- Feeding capacity: 100 to 200 chicks.
- At least 40 chicks can feed simultaneously.
- Size: 7.5"H x 11.5" diameter.
- Optional cover available to prevent birds from entering through the top of the feeder.

111618

103913

BABY CHICK FEEDER & COVER

STK#	ITEM	EACH	6 & UP
103913	Feeder	$21.35	$20.55
111618	Cover	4.95	4.75

Heat objects, not the air, with these Infrared Utility Heaters.

- Compact housing design with gold, corrosion-resistant anodized reflectors, with a 90° symmetrical reflector pattern.
- Quartz tube heat elements, wire guard and two 4' jack chains are included.
- 8' 18/3 grounded cordset plugs into any 120 V service.
- Single phase.
- UL listed for indoor industrial and commercial comfort heat applications.

105806:

22"L x 5"W x 3"H. Gold anodized finish.

105807:

17"L x 6"W x 6"H. Brown enamel finish. Has two on/off toggle switches to operate heating elements independently.

INFRARED UTILITY HEATERS

STK#	WATTS	BTUS	AMPS	EACH
105806	550	1,877	5	$295.95
105807	450/900	3,072	8	539.95

Heavy Duty, long-neck aluminum brooders.

- Heavy Duty hanger, double-wire guard.
- High heat porcelain socket.
- UL-listed cord.
- Lamp not included.

LK1006:

Heavy Duty model with a 16/2 cord. Overall length: 9'.

LK1011:

Standard-duty model with an 18/2 cord. Overall length: 6'.

115468:

9' Heavy Duty cord. 16/S SJOW wire. Oil and water resistant.

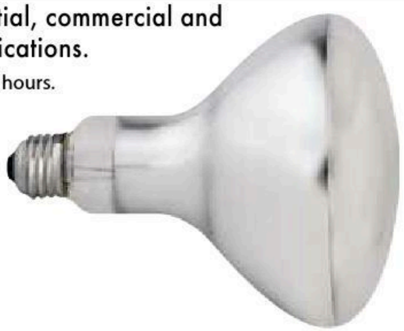
LK1006
LK1011

BROODER LIGHTS

STK#	ITEM	EACH	24 & UP
LK1011	Standard-Duty Brooder Light	$18.95	$17.95
LK1006	Heavy Duty Brooder Light	19.95	18.95
115468	Heavy Duty Cord	7.45	–

Ideal for residential, commercial and agricultural applications.

- 5,000 average rated hours.
- Clear bulb.
- Medium base.



VALUTEK™ INFRARED HEAT LAMPS

STK#	NOMINAL WATTS	BULB	VOLTS	MOL	EACH	DISCOUNT PRICE
LE1005	125	BR-40/1	120	6-1/2"	$3.55	$3.45 (12 & up)
LE1010	250	BR-40/1	120	6-1/2"	3.89	3.75 (24 & up)

Dimmable Heat Lamp

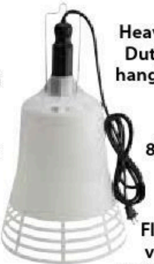
- 175 W.
- 120 V.
- Medium base.
- Clear heat finish.
- 5,000 average rated hours.
- 5-5/16" MOL.

DIMMABLE HEAT LAMP

STK#	EACH	15 & UP
115708	$4.45	$4.25

Control heating levels for your pigs with the Adjusta Heat Brooder.

- High-impact polypropylene lampshade with unique design creates a larger heat pattern for pigs.
- Heavy-duty hanger supports the lampshade weight instead of the cord.
- Adjustable 5-position, positive lock mechanism allows you to adjust heat levels without the use of chain, tools or ladders.

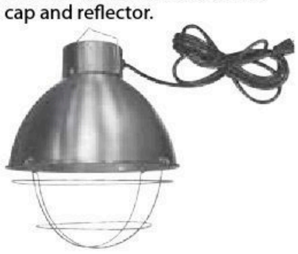


ADJUSTA HEAT BROODER

STK#	EACH	16 & UP
102805	$17.95	$16.95

Heavy Duty Brooder is ideal for warming pigs, chicks, lambs or calves.

- Designed for use with a maximum 250 W brooder bulb, and compatible with energy-efficient 175 W Par 38 halogen bulbs (bulbs not included).
- Strong, triple-corrosion-protected steel cap and reflector.
- Vented reflector and strong, easy to open wire guard.
- Porcelain socket and a plated-copper screw shell for long life and resistance to bulb damage.
- 10' 18/3 cord and plug. 115 V.



HEAVY DUTY BROODER

STK#	EACH	10 & UP
106042	$37.95	$36.95

These Heavy Duty extension cords can be used indoors or outdoors and are great for gardening, landscaping or powering household appliances.

- Cords are designed with a flexible vinyl covering that shields them from moisture, abrasion and sunlight.
- Reinforced blades protect prongs from bending or breaking.
- 1875 W.
- Female end of cords lights up to indicate when power is on.
- Operating temperature range of -40°F to 140°F.
- 5-15P to 5-15R.
- 15 A/125 V.

EXTENSION CORDS WITH LIGHTED END

STK#	LENGTH	GAUGE	EACH
117690	25'	14	$22.95
117691	50'	14	34.95
117694	50'	12	49.95
117692	100'	14	67.95
117695	100'	12	89.95

20 Quart Heated Flat Back Buckets provide a year-round watering option ideal for horses and large dogs.

- Thermostatically controlled bucket that features an oversized handle and flat back, designed to hang flush against a wall.
- Constructed with high-quality, resilient plastic to prevent cracking.
- Thermostatic control feature ensures ice-free water down to temperatures as low as -20˚F.
- Electrical Specifications: 115 W, 120 V and 60 Hz.
- 6' grounded anti-chew cord is provided and exits from the bottom of the bucket to prevent chewing.
- Patented bottom compartment design allows for cord storage during summer use.

20 QUART HEATED FLAT BACK BUCKET

STK#	EACH
116422	$105.95

The Deluxe Heated Hen Hydrator keeps water ice-free up to -10°F and provides your birds with easy, on-demand access to a clean water supply.

- Easy-to-fill bucket features a convenient, twist locking lid that is sloped to prevent roosting and simplify cleaning.
- Translucent design allows for easy viewing of water level and provides UV protection to prevent algae growth.
- Ergonomic handle makes the bucket easy to hang and comfortable to carry.
- Each of the 4 side-mounted drinking nipples accommodates up to 4 birds. Recommended for adult birds only.
- For best results, remove all other water sources and tap each nipple, so birds can see water dripping.
- Holds up to 3 gallons.

DELUXE HEATED HEN HYDRATOR

STK#	EACH
117669	$59.95

Hang buckets in your stalls safely and securely with this metal bucket hanger.

- Convenient steel hanger keeps your bucket handy and out of the way.
- Designed with a ring around the hook that prevents horses from getting caught.
- Features a polished, zinc-plated finish that reduces oxidation and promotes a longer lifespan.
- Hanger can be installed easily with two screws.

BUCKET HANGER

STK#	EACH
117733	$4.09

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Feed and utility pails for small or large animals.

- These UV-resistant pails will last outdoors for years.
- Pails are made from durable, high-impact, polyethylene.
- Heavy Duty galvanized handle for easy carrying.
- Our 5-quart pails are a perfect size for smaller animals.
- Economical 8-quart and 10-quart pails fit in Single and Double Bucket Holders, sold below.

105855

105856

105057

106692

106390

117456

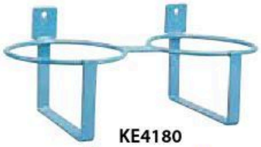
117457

FEED AND UTILITY PAILS

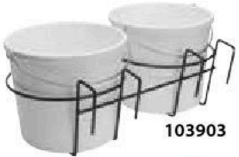
STK#	ITEM	EACH	50 & UP
106692	5-Quart White Utility Pail w/Handle	$4.09	$3.95
105057	5-Quart Black Calf Pail w/Handle	4.09	3.95
106390	8-Quart White Utility Pail w/Handle	7.15	6.89
117456	8-Quart Black Bucket w/Handle	7.75	7.45
117457	8-Quart Green Bucket w/Handle	7.75	7.45
105855	10-Quart Red Utility Pail w/Handle	6.69	6.45
105856	10-Quart White Utility Pail w/Handle	6.69	6.45

Keep pails secure and easy for animals to access.

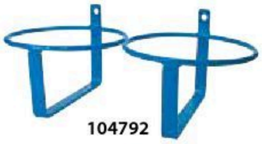
- A full bucket is never safe on uneven floors or ground.
- Secure your buckets in a single or double bucket holder.
- 102662 (single) and KE4180 and 104792 (double) are super-strong, 1/4" thick, painted steel and have 3/8" mounting holes for attaching easily to walls, posts and calf panels.
- 104018 and 104019 (single) and 103879 and 103903 (double) are made of Heavy Duty PVC powder-coated 1/4" diameter wire.



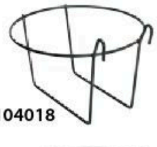
KE4180



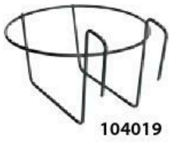
103903



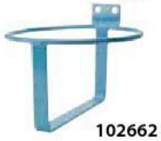
104792



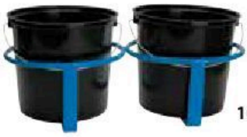
104018



104019



102662



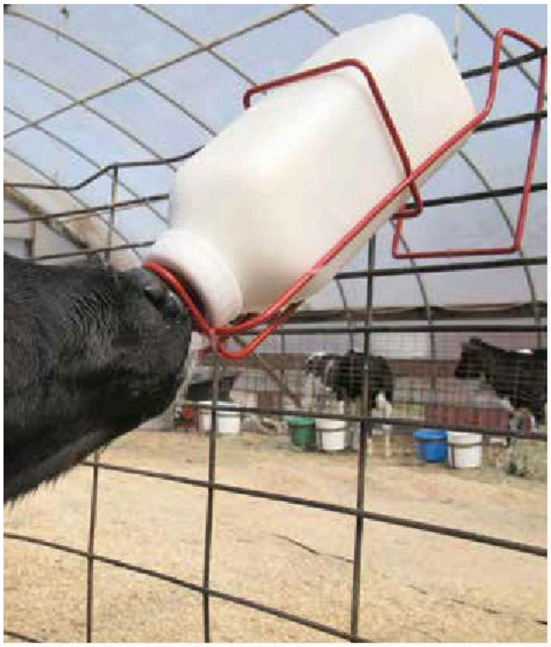
104792

SINGLE BUCKET HOLDERS

STK#	EACH	25 & UP
102662	$15.65	–
104018	13.05	$12.55
104019	13.05	12.55

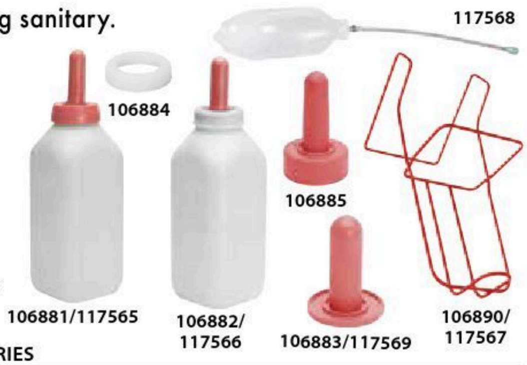
DOUBLE BUCKET HOLDERS

STK#	EACH	25 & UP
KE4180	$31.89	$30.69
104792	28.75	27.65
103879	17.95	16.95
103903	20.89	20.05



Nursing Bottles make feeding sanitary.

- Nursing bottles are made from strong, durable polyethylene.
- Nipples are made from a special rubber formula to prolong nipple life and improve pliability.
- Bottle holder is powder coated for added protection and rust prevention and mounts on any "2 x" board.
- Fluid feeder provides fluids and nourishment to calves that can't or won't nurse.



NURSING BOTTLES AND ACCESSORIES

STK#	ITEM	EACH	DISCOUNT PRICE
117568	2-Quart Gravity Style Fluid Feeder w/Plastic Probe	$18.95	$17.95 (12 & up)
106881	2-Quart Nursing Bottle w/Snap-on Calf Nipple	9.25	8.89 (12 & up)
117565	3-Quart Nursing Bottle w/ Snap-on Calf Nipple	9.95	9.49 (12 & up)
106885	Replacement Calf Nipple – Snap-on Style	4.09	3.95 (110 & up)
106882	2-Quart Nursing Bottle w/Screw-on Cap	8.19	7.89 (12 & up)
117566	3-Quart Nursing Bottle w/ Screw-on Calf Nipple	9.49	8.95 (12 & up)
106884	Replacement Screw-on Cap	2.05	1.99 (12 & up)
106883	Screw-on Calf Nipple	3.59	3.45 (225 & up)
117569	Snap-on Lamb Nipple	3.59	3.45 (225 & up)
106890	2-Quart Bottle Holder	12.69	12.09 (6 & up)
117567	3-Quart Bottle Holder	13.49	12.95 (6 & up)

108260

108263

Animals love to feed from Stay Clean Brute Feed Bunks.

- Manufactured from our 1.5" square, triple-galvanized structural steel tubing and our durable, corrosion resistant PolyMax® that is and stands up in extreme weather conditions.
- The smooth surface design ensures savings on your feed costs. There is no moisture absorption.
- Square ends allow multiple bunks to be bolted together for any continuous length desired.
- Easily moved. Ideal for permanent or temporary use in any location.
- Choose from our standard Brute Style that is designed for horses, cattle and other large animals or our Mini Brute that is ideal for sheep, goats and most small animals.

STAY CLEAN BRUTE FEED BUNKS

STK#	ITEM	OUTER DIMENSIONS	FEED CAPACITY CU. FT.	TROUGH DEPTH	EACH
108260	Mini Brute	19"W x 12"H x 8'L	10	12"	$ 665.00
108261	Mini Brute	19"W x 12"H x 16'L	20	12"	855.00
108262	Mini Brute	19"W x 12"H x 24'L	30	12"	1,239.00
108263	Standard Brute	27"W x 18"H x 8'L	20	18"	505.00
108264	Standard Brute	27"W x 18"H x 16'L	40	18"	905.00
108265	Standard Brute	27"W x 18"H x 24'L	60	18"	1,265.00

Hanging Pail is ideal for calves, lambs, goats and other small animals.

- 8-quart blue pail comes with built-in nipple and hanging bracket on the opposite side for hanging on a fence or rail, plus a sturdy handle.
- Impact-resistant DuraFlex plastic makes it strong and durable.
- The nipple is made with a special rubber formula to prolong nipple life and improve pliability.
- The nipple assembly features a valve and gasket to control the flow through the nipple.
- Comes complete with all mounting hardware.

BUCKETS, TUBS & FEEDERS
112972
112973

8-QUART HANGING CALF PAIL

STK#	ITEM	EACH	6 & UP
112972	Pail	$30.85	$29.65
112973	Replacement nipple w/collar	16.45	15.79

Mineral Block Pan holds up to 50-lbs. or 10-quarts of dry material, salt or mineral block.

- Inner ribs lift and hold the salt or mineral block.
- Outer bottom rim holds pan up off the ground so moisture can escape through the drain holes.
- Impact-resistant DuraFlex plastic for long wear.
- Capacity: 50 lbs. or 10 quarts.
- Dimensions: 5.25"H x 18.5"D.

MINERAL BLOCK PAN

STK#	EACH	6 & UP
112959	$17.49	$16.79

Stainless Steel Snap-In Feeder

- Easy access to feed.
- May also be used as a drinker.
- 9-1/2" diameter.

STAINLESS STEEL SNAP-IN FEEDER

STK#	EACH
105854	$30.85

⚠ **WARNING:** Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Maintain constant stock tank water levels.

- Reliable positive shut-off ends tank flooding.
- Maintains fluid level.
- The fluid level forces the float to rise and close the diaphragm chamber. The diaphragm then expands, stopping the incoming flow. When the fluid level drops, the diaphragm escape opens, empties and allows the fluid to fill the tank. This shut-off feature allows full flow until the valve closes, unlike the common ball float valves.
- The valve body is made of durable glass-filled nylon 6/6 and is vented to eliminate siphoning.
- Rustproof valve is virtually indestructible and installs in seconds.
- Internal parts are of ABS plastic and EPDM rubber.
- Resilient to freezing.
- Guaranteed for 2 years.
- No lever arm. No exterior moving parts.
- High volume. Anti-siphon.
- No float valve.

WR1302

WR1300

HUDSON VALVES

STK#	ITEM	PSI	EACH
WR1302	1/2" FPT V Standard Valve	8-140	$56.95
WR1300	1" FPT Standard Valve	8-140	43.95

ACCESSORIES

STK#	ITEM	EACH
107534	Repair Kit for 1/2" Standard Valve	$23.65
WR1312	Repair Kit for 1" Standard Valve	23.65
109163	Economy Valve Bracket for 1/2" Valve	35.95
WR1324	Economy Valve Bracket for 1" Valve	32.95

A must for every Grade "A" dairy operation.

- 3/4" garden hose female inlet and male outlet.
- Stainless steel spring and screw.
- Brass anti-siphon bulb.

ANTI-SIPHON VALVE

STK#	EACH
WF3380	$7.75

Excellent all-purpose water bowl.

- Large-capacity drinking area makes this ideal for horses.
- Durable construction, with poly float-chamber cover and solid brass valves.
- Adjustable water depth.
- 1/2" water line entry on either side of bowl.
- Dimensions:10-1/2" x 13" x 5-3/4"D.

LARGE POLY FLOAT BOWL

STK#	EACH
105862	$57.95

Easy to install. Just hook over the edge of your tank or trough.

- Longer, deeper float provides more leverage, allowing up to 60 lbs. water pressure.
- 375 GPH capacity.
- Painted metal construction.

FLOAT BOX

STK#	EACH
WD1190	$45.95

Poly Water Bowl has a brass pushbutton valve.

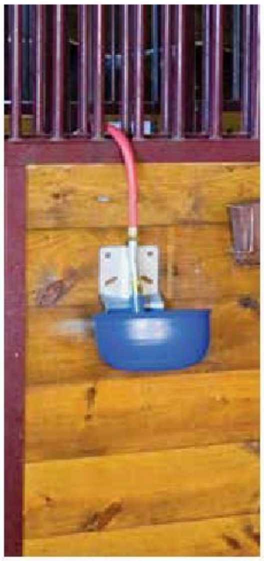
- Capacity: 11 quarts.
- Includes back plate and stainless steel bracket. Bolts not included.
- 1/2" NPT top water hookup.
- Dimensions: 13"W x 12-3/4"H x 7"D.
- Replacement valve (117869) is sold separately.

SUPER FLOW HORSE WATERER

STK#	EACH
105870	$71.95

Round Poly Water Bowl reduces water spillage.

- Ideal for horses and cattle.
- Round poly bowl construction with Super Flow Valve.
- Stainless steel valve mounting bracket.
- Non-siphoning.
- 1/2" water line entry in top.
- Dimensions: 10-1/2" diameter x 5"D.
- Replacement valve (117869) is sold separately.



POLY WATER BOWL

STK#	EACH
105863	$71.95

The Gama Sonic® Solar Uplight Planter Base illuminates your planters and flower pots, allowing you to showcase your plants, flowers and landscaping at night.

- Charges in sunlight during day and illuminates planters at night using built-in warm white lights.
- Provides up to 12 hours of lighting in evening on full charge.
- Designed with exterior on/off switch for solar accent lighting control.
- Made from versatile resin material that blends into outdoor decor seamlessly.
- Accommodates pots and planters with base size up to 6".
- Includes lithium-ion battery.

GAMA SONIC® SOLAR UPLIGHT PLANTER BASE

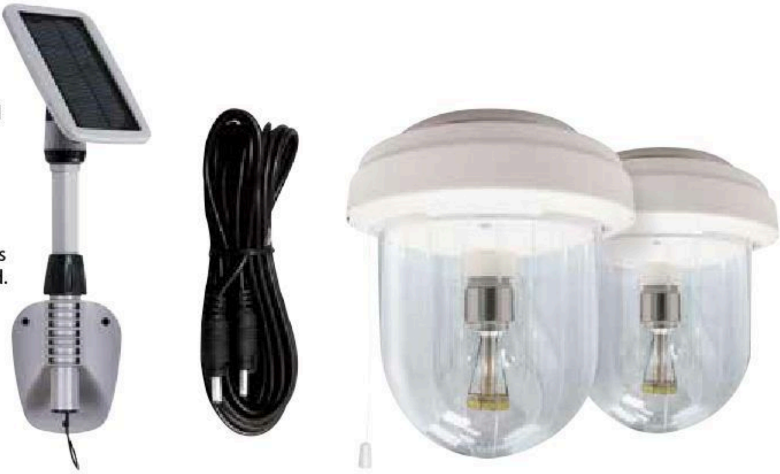
STK#	EACH
117919	$29.95

Gama Sonic® Solar Light My Shed IV Lights are convenient, maintenance-free and distribute light further than traditional solar lamps.

- These efficient lights require no electrical wiring and are powered by monocrystalline solar panel, helping save energy and money.
- Includes two lights that illuminate at 250 lumens each in bright white (6000 K) color temperature.
- Lights can be mounted on either ceiling or wall and easily attach onto any type of material, including metal, wood and plastic.
- For best results, install solar panel on side of building that receives most sun, then connect to LED lights inside using included 9' cord.
- Constructed with weather-resistant, Heavy Duty resin frame for increased durability and longevity.
- Comes complete with Ni-MH rechargeable battery, mounting brackets and connecting cord.

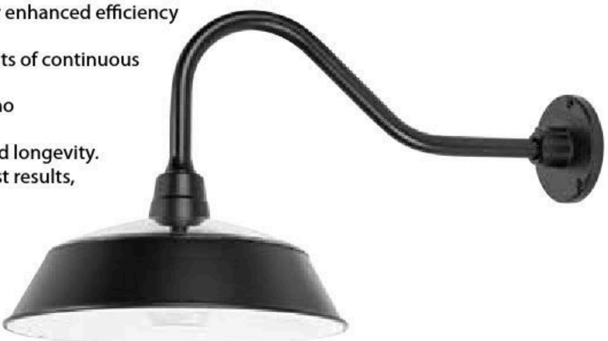
GAMA SONIC® SOLAR LIGHT MY SHED IV

STK#	EACH
117901	$149.99



NEW The Gama Sonic® Cottage Solar Barn Light combines an industrial modern design with exceptional functionality, producing a sleek, elegant solar fixture that enhances your outdoor space.

- Creates welcoming ambiance and can serve as both area and perimeter lighting. Ideal for use in a variety of locations, including front doors, porches, entrances, terraces, sheds, garages and more.
- Light fixture turns on automatically at dusk and shines at brightness of 250 lumens in warm white (2700 K) color temperature.
- By utilizing innovative Morph Technology, the light maximizes sunlight absorption for enhanced efficiency and aesthetics, while eliminating need for a separate solar panel.
- Powered by 8.4 W monocrystalline solar panel and 3.2 V battery, ensuring up to 3 nights of continuous illumination on full charge.
- Automatic dusk-to-dawn operation illuminates outdoor spaces as needed, requiring no manual intervention.
- Weather and rust-resistant cast aluminum construction provides greater durability and longevity.
- Designed for easy wall-mounted installation that requires no electrical wiring. For best results, mount light fixture in a spot where it will receive maximum amount of direct sunlight throughout day.
- 2-year limited warranty.



GAMA SONIC® COTTAGE SOLAR BARN LIGHT

STK#	EACH
118965	$229.99

⚠ **WARNING:** Cancer and Reproductive Toxicity - P65Warnings.ca.gov

The Gama Sonic® Solar Wall Light features a unique design that bends solar cells to fit its curved surface, helping maximize sunlight absorption and extend its battery duration.

- GS solar LED light bulb boasts 10-year life span and offers abundant lighting similar to 360° light spread of customary incandescent bulb.
- Integrated with powerful 4 W solar panel that ensures light works for up to 12 hours on full charge.
- Provides brightness of 150 lumens in warm white (2700 K) color temperature.
- Constructed from weather-resistant, rustproof rigid resin and features black finish.
- Includes all necessary hardware for quick and easy installation.

GAMA SONIC® SOLAR WALL LIGHT

STK#	EACH
117918	$79.99

The Gama Sonic® Solar Yard Light is a multi-purpose lighting solution that's both cost and energy-efficient.

- This versatile light can be mounted direct-to-wall or with extended arm mount and is ideal for use over garage, house entry way, patio, garden, driveway and more.
- Powered by efficient monocrystalline solar panel and provides up to 12 hours of light after being fully charged in sun.
- Motion-sensor activated lamp has brightness of 300 lumens and offers warm white (2700 K) or bright white (6000 K) color temperature.
- Heavy Duty, weather-resistant design endures severe weather conditions and is maintenance-free.
- Includes all necessary hardware for desired mounting method.

GAMA SONIC® SOLAR YARD LIGHT

STK#	EACH
117917	$49.99

NEW The Gama Sonic® Solar Coach Light With Edison Bulb combines a vintage industrial design with modern accent wall décor, providing a stylish and energy-saving replacement for electric and gas-powered outdoor lighting.

- This lantern is integrated with a monocrystalline solar panel that makes it easy to harness greater amounts of sunlight.
- Solar panel is protected by durable, cleanable tempered glass to enhance lifespan and performance.
- Incorporates cutting-edge solar LED Edison light bulb technology and provides 360° illumination.
- High/low switch allows for two modes of operation. Low mode provides dimmer light for longer duration, while high mode produces brighter light for shorter durations.
- On high mode, LED Edison light bulb delivers brightness of 60 lumens in warm white (2400 K) color temperature for up to 12 hours when fully charged.
- Constructed from weather and rust-resistant cast aluminum with a powder-coated finish and polished pencil edge glass panes.
- Includes all necessary hardware for quick and easy wall-mounting where ample sunlight is available.
- Backed by 2-year limited warranty.

GAMA SONIC® SOLAR COACH LIGHT WITH EDISON BULB

STK#	EACH
119126	$44.99

NEW The Gama Sonic® Solar Security & Area Light features a motion sensor and timer, allowing you to illuminate the exterior of your warehouse, storage unit and more with precision control.

- Two modes of operation allows users to select between on mode and PIR mode.
- Dusk-to-Dawn operation: This solar area light is designed to work during the night, although no light will come from the device until motion has been detected. The outdoor area light is automatically activated at dusk and turned off at dawn.
- Motion Sensor Activated: Designed with an integrated infra-red motion sensor that regulates light output automatically, this solar outdoor area light has a 140-degree detection zone and can detect movement from up to 40-feet away. If no further movement is detected for 60 seconds, the light will turn off.
- Timer: using the timer dial, choose between an operation time of 4-hours, 5-hours, 6-hours, 7-hours or 8-hours or set to 0 for dusk to dawn operation.
- Unit comes with everything needed for easy installation, making this the perfect lighting solution for outdated AC powered security lights.

GAMA SONIC® SOLAR SECURITY & AREA LIGHTS

STK#	MAX LUMENS	WATTS	EACH
117921	810	6	$ 79.99
118935	1620	12	159.99
118936	2800	20	239.99

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

NEW Halco® LED Bulbs are a reliable and cost-efficient replacement for traditional 100 watt incandescent lamps.

- These A19 bulbs are ideal for general lighting in a variety of residential and commercial applications.
- Offers excellent light distribution and high lumen output for a bright and efficient lighting solution.
- Bulbs illuminate at 1600 lumens in warm white (2700 K) color temperature.
- Frosted finish ensures a softer illumination that reduces glare and harsh shadows, creating a more enjoyable environment.
- 15 W and 120 V.
- Users can choose between dimmable and non-dimmable bulbs. Non-dimmable lights are available in singular (118967) or six-pack (118969) options.
- Bulbs are backed by 3 year warranty.

HALCO® LED BULBS

STK#	ITEM	DIMMABLE	EACH	12 & UP
118967	LED Bulb	No	$ 2.45	$ 2.35
118968	LED Bulb	Yes	3.95	3.75
118969	LED Bulb 6-pack	Yes	13.25	12.75

*118967 and 118969 are prohibited for use in California.

ProLED® Vapor-Tight Light Fixtures are high performing, waterproof solutions for multi-functional applications, in tough conditions.

- These fixtures are the perfect choice for processing plants, cold storage factories, loading docks, agricultural buildings, and other areas affected by weather exposure and/or high traffic.
- Rugged versatile design for optimal performance in various applications.
- Rated for outdoor and indoor use. Suitable for dry or wet environments.
- Robust die-cast aluminum body, silicone gasketing and corrosion-resistant powder coating for ultimate protection.
- Frosted polycarbonate lens and textured gray powder coat finish.
- Starts in temperatures as low as -40°F and has 50,000 average rated life hours.
- Available in 4,000 K and 5,000 K.
- 4,000 K fixture has brightness of approximately 1,915 lumens. 5,000 K fixture has brightness of approximately 2,198 lumens.
- Wall, ceiling and pendant mounting with adjustable head design. 1/2" threaded conduit side entry points.
- 5 year warranty.
- 20 Watts.

117430

PROLED® VAPOR-TIGHT LIGHT FIXTURES

STK#	ITEM	EACH
117430	4,000 K Fixture	$89.95
117431	5,000 K Fixture	93.45

Molded of rugged, noncorrosive Lexan® plastic for a watertight sub-assembly.

- Includes all gaskets, stainless steel screws and mounting feet for ceiling installation.
- Maximum 60 W incandescent bulb.
- Economical and wash-down proof.
- All openings feature watertight knockouts.
- Four 3/4"F NPT openings at 90° spacing.
- Gasketed 2-piece design for easier wiring.

LIGHTING SUB-ASSEMBLY FIXTURE

STK#	EACH	24 & UP
LJ3010	$20.89	$20.05

Designed for use in all environments, this 14" Suspended Ceiling-Mount Fixture will light up your barn, livestock building, warehouse, garage, workshop and more.

- Fixture can be used outdoors, however, it is recommended it be located in a protective area such as under an eave or on the side of a building.
- 8' Heavy Duty hanging cord is included.
- Lamps are not included.
- Dimensions: 9-1/2"H x 14-3/8"W.

14" SUSPENDED CEILING-MOUNT LIGHT

STK#	EACH	6 & UP
108686	$78.95	$75.95

Get high energy savings with Compact Fluorescent ValuTek™ Spring Lamps.

- Huge savings over incandescent lighting.
- Replace bulbs from 40 W to 250 W.
- Instant start. Fits many open and enclosed fixtures.
- Lasts 10 times longer than regular bulbs.
- 30 W bulbs average 10,000 hours.
- 45 W bulbs average 6,000 hours.
- Total harmonic distortion: <15%.
- 120 V, 60 Hz.
- Color temperature: 2,700 K, CRI 84.

COMPACT FLUORESCENT VALUTEK™ SPRING LAMPS

STK#	WATTS	LUMENS	SIZE	EACH
109705	30	1,850	2.5" x 6.5"	$ 4.19
109706*	45	2,700	3" x 7"	12.89

*Not for use in enclosed fixtures.

NEW The 20 W LED Grow Lamp Pack provides an ideal lighting solution for cloning, seed-starting, vertical farming and hydroponics in small-scale growing setups.

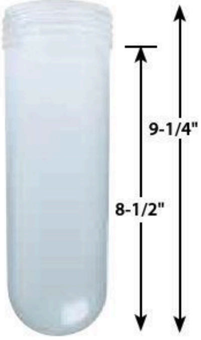
- This convenient and efficient lighting system is simple to mount and is a great option for use with low ceilings, vertical racks or over benches.
- Each pack contains four lights, and with the ability to be daisy chained together, lighting can be easily configured as setup demands.
- User-friendly daisy-chaining capability allows for effortless connection of up to twenty light bars in one loop.
- Scientifically engineered for use with a variety of crops, including tomatoes, lettuce, herbs, microgreens, flowers, cannabis and more.
- Light bars are 5"W and approximately 4-1/2'L.
- Along with four light bars, the pack includes an 8-1/2'L white power cord and cable ties.
- PPE: 2.3 μMol/j@240V.
- PPF: 46 μMol/s@240V.
- 120-240 V.

20 W LED GROW LAMP PACK

STK#	EACH
119020	$129.95

More durable than glass and completely wash proof, so globe will not shatter when sprayed with water.

- Designed especially for use with our U-Tube lights.
- Protects lamp against breakage.
- For use with U-Tubes or up to a 60 W bulb.



POLYCARBONATE LIGHT GLOBE

STK#	EACH	50 & UP
LJ1022	$7.15	$6.89

High performance, energy-efficient Vapor-Tight Fixtures are ideal for all wet locations and anywhere dust or moisture are an issue. Create the perfect fixture for your needs.

- Choose either ceiling mount/hanging base or wall-mount base. Aluminum die-cast housing.
- Vapor-tight glass lens is the perfect choice for processing plants, cold storage factories, loading docks, agricultural buildings, and other areas affected by weather exposure and/or high traffic.
- Die-cast aluminum grille guard braces and protects glass lens.
- We recommend our medium base, 120 V, 24 W compact fluorescent UL lamp that is energy efficient and offers natural, bright light. Starts at temperatures as low as -22°F and has 8,000 average rated life hours.
- When hanging, we suggest using our 1/2" PVC watertight, corrosion-resistant strain relief connector, sold separately below.
- Power cord not included. We recommend our Pig Tail Power Supply Cords, sold separately.
- All components sold separately for easy customization.

Wall Mount

Hanging Mount*

Ceiling Mount

103997

Pig Tail Power Supply Cords sold seperatly.

VAPOR-TIGHT LIGHTING COMPONENTS

STK#	ITEM	EACH	DISCOUNT PRICE
106801	Ceiling-Mount/Hanging Base	$23.65	$22.75 (24 & up)
106806	Wall-Mount Base	20.99	–
LJ2410	1/2" NPT Strain Relief Connector	5.19	4.95 (50 & up)

*Wire sold separately.

Make lighting installation fast, easy and low cost.

- Fits medium base lamps.
- Wire channel accepts wire up to 0.17" diameter.
- 1/4" turn twist top speeds installation. No stripping of wire necessary.
- One-piece terminals and contacts.
- No rivets or eyelets to loosen due to heat.
- Sockets are molded of heat-resistant phenolic.
- Hanging hook for quick and easy installation.

Closed

Open

ATTACH-ON RECEPTACLE

STK#	EACH	100 & UP
102718	$3.59	$3.39

Professional-grade Metal Halide Fixture offers superior lighting for your shop, garage or any general lighting needs.

- Aluminum die-cast enclosure with baked on powder coating ensures long life.
- Polycarbonate lens provides excellent light distribution.
- 175 W, M-57 lamp included.
- Suitable for wet locations.
- 120 V. Medium base.
- Quad ballast. Pulse start.

175 W PULSE-START SURFACE-MOUNT METAL HALIDE LIGHT FIXTURE

STK#	EACH
112556	$69.45

Keep your home or business lit by using your medium lamps in mogul-base sockets.

- Adapts E26 medium lamps to an E39 mogul base socket.
- Porcelain mogul base allows adaptor to tolerate high temperatures.

Light bulb not included

MEDIUM LAMP TO MOGUL BASE PORCELAIN ADAPTOR

STK#	EACH
113740	$4.59

Economical overhead light fixtures for closets, basements and agricultural buildings.

117299

- Molded with high-temperature, thermoset plastic to reduce breakage.
- UL listed for lamps up to 250 W.
- Includes 4 top wire screws and keyless switch.
- No pull chain.

117299

LJ4805

- Meets all UL 496 requirements.
- Molded of high-temperature, thermoset plastic to prevent discoloration and reduce breakage.
- Mounts on 4" outlet box with breakout for 3-1/4" box.

LJ4805

LAMPHOLDER

STK#	EACH
117299	$2.15

KEYLESS LAMPHOLDER

STK#	EACH	50 & UP
LJ4805	$4.09	$3.95

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Save on energy costs without sacrificing lighting by using this PARLucent T5 LED Lamp.

- This environmentally friendly PARLucent T5 LED lamp allows you to save on utilities costs by using less energy than traditional lamps, and it lasts 50,000 hours.
- 45-7/10" tube is compatible with programmable start T5 electronic ballasts and T5 fixtures sold here.
- Does not contain mercury.
- 120 V - 277 V.
- 28 W.
- Nominal lumen output of 2,800 K.

PARLUCENT T5 LED LAMP

STK#	KELVINS	EACH	50 & UP
115204	3,000	$10.45	–
113820	5,000	11.95	$10.95
115205	6,400	11.95	10.95

PARLucent T5 Fluorescent Lamps are excellent for both starting seedlings and full-term growth.

- 3,000 K is best for budding and flowering. 6,500 K ensures maximum plant growth. We recommend a combination of both for continuous optimal growing conditions.
- 5/8" in diameter.
- CRI: 85. Average rated life: 24,000 hrs.
- Initial lumens: 4,740.
- Mini bipin base.
- Priced per lamp. Sold in packaged quantities of 10 or 25.

PARLUCENT T5 FLUORESCENT LAMPS

		PRICE PER LAMP		
STK#	COLOR TEMP	10 PACK* PRICE	25 PACK PRICE	25 PACK DISCOUNT PRICE
110577	3,000 K	$12.15	$5.45	$5.25 (4 pks & up)
110579	4,100 K	12.15	5.45	5.25 (4 pks & up)
110580	6,500 K	12.15	5.45	5.25 (4 pks & up)

*Add P10 to the end of your STK# to indicate 10 pack.

PARLucent T5 LED Fixtures are an environmentally friendly, energy-efficient option that still provides plenty of illumination.

- Use less energy than tradition lamps, saving money on utilities, and last up to 50,000 hours.
- Fixtures come with 28 W lamps.
- 120 V - 277 V.
- 5000 K, nominal lumen output of 2800.

46" Wet Location Fixture – 2 Lamp (113846)

- Electronic ballast.
- Rapid start.
- Can be wall mounted, ceiling mounted or suspended ceiling mounted.

113846

46" Strip Light – 2 Lamp (113847)

- Programmable-start electronic ballast.
- Compact design makes it great for tight spaces and growing systems.

113847

46" High Bay Fixture – 4 Lamp (113849)

- High-reflection, aluminum design.
- Universal input electronic ballast.
- Pendant-chain mounted.
- Heavy-duty wire guard included.

113849

46" High Bay Fixture – 6 Lamp (113850)

- High-reflection, aluminum design.
- Universal input electronic ballast.
- Pendant-chain-mounted.
- Heavy-duty wire guard included.

113850

PARLUCENT T5 LED FIXTURES

STK#	ITEM	EACH	20 & UP
113846	46" Wet Location Fixture – 2 Lamp	$175.95	$168.95
113847	46" Strip Light – 2 Lamp	160.95	154.95
113849	46" High Bay Fixture – 4 Lamp	279.95	268.95
113850	46" High Bay Fixture – 6 Lamp	389.95	374.95

NEW Halco® T4 CFL Bulbs are an energy-efficient, long-life alternative to incandescent lamps, allowing you to save up to 80% in energy costs in a variety of residential and commercial settings.

- Ideal for use in any setting where incandescent bulbs would normally be used, including recessed fixtures, table lamps, track lighting or ceiling lighting.
- These dimmable bulbs illuminate at 900 lumens in warm white (2700 K) color temperature.
- Tri-phosphor coating enhances lumen efficacy and color rendering.
- Low-maintenance, long-lasting bulbs are rated for 10,000+ hours.
- 13 W and 120 V.
- Due to two-pin base, these CFL bulbs can only be used with a magnetic ballast.
- Bulbs are made from lead-free glass and include 1 year warranty.

HALCO® T4 CFL BULB

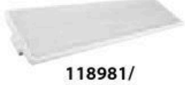
STK#	ITEM	12 & UP
118970	$4.45	$4.29

NEW Halco® ProLED Select Linear High Bay Lights and Accessories provide you with a long-lasting, energy-efficient replacement for existing linear fluorescent or HID lighting.

- These dimmable lights are ideal for high ceiling applications, including warehouses, manufacturing facilities, large retail stores, gymnasiums and more.
- High bays include motion sensor for instant-on capabilities and reduced energy consumption.
- Bulbs ensure uniform illumination and come in varying degrees of brightness, ranging from 15,000 to 45,000 lumens.
- Users can choose between 4000K (118975, 118977, 118979 & 118981) or 5000K (118976, 118978, 118980 & 118982) color temperature.
- Long-lasting lights feature durable steel housing, frosted polycarbonate lens and are rated for 100,000+ hours. Fixtures are backed by 5 year warranty.
- 120 - 277 V.
- All lights have selectable wattage. Base wattages include 110 W (118975 & 118976), 160 W (118977 & 118978), 220 W (118979 & 118980) and 320 W (118981 & 118982).
- Pendant mounting assembly (118987) allows for a simplified mounting process during installation.
- Wire guards (118988-118990) are constructed to shield high bay fixtures from flying objects, impacts and other hazards.

118989 for use with 118979/118980

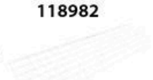
118979/ 118980



118975- 118978

118987 for use with 118975-118978

118981/ 118982



118990 for use with 118979/118980

118987

HALCO® PROLED SELECT LINEAR HIGH BAY LIGHTS

STK#	LUMENS	COLOR TEMP	EACH
118975	15,000	4000K	$115.45
118976	15,000	5000K	115.45
118977	22,000	4000K	158.95
118978	22,000	5000K	158.95
118979	31,000	4000K	189.95
118980	31,000	5000K	189.95
118981	45,000	4000K	269.95
118982	45,000	5000K	269.95

HALCO® PROLED SELECT LINEAR HIGH BAY LIGHT ACCESSORIES

STK#	ITEM	FOR USE WITH	EACH
118987	Pendant Mounting Assembly	118975-118982	$ 7.95
118988	Wire Guard	118975-118978	18.95
118989	Wire Guard	118979 & 118980	20.95
118990	Wire Guard	118981 & 118982	28.45

*Accessories purchased without fixtures will incur an additional charge.

⚠ **WARNING:** Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Energy-efficient, 48" rapid-start T8 Fluorescent Tube Lamp offers superior lighting and over 20,000 hours.

- Ideal for office, retail, schools, hospitals and warehouses.
- 32 W.
- Medium bipin base.
- Compatible ballasts are required.
- Approximate initial lumens: 2,800.
- CRI: 75. MOL: 47.78".
- Priced per lamp.
- Sold in packaged quantities of 10 or 25.

48" T8 FLUORESCENT TUBE LAMP

STK#	COLOR TEMP	PRICE PER LAMP 25 PACK PRICE
112840	4,100 K	$2.65

*Add P10 to the end of your STK# to indicate 10 pack.

T8 Full-Spectrum Fluorescent Tube Lamps simulate natural sunlight, offering optimum visual comfort.

- Medium bipin base.
- Compatible ballast required.
- MOL: 47.78"
- Priced per lamp.
- Sold in packaged quantities of 10 or 25.

48" T8 FULL-SPECTRUM LAMP

STK#	BULB	WATTS	AVG. RATED LIFE HOURS	APPROX. INITIAL LUMENS	CRI	COLOR TEMP	PRICE PER LAMP 10 PACK* PRICE	25 PACK PRICE	25 PACK DISCOUNT PRICE
112839	T8	32	24,000	2,850	85	6,500 K	$11.49	$3.95	$3.89 (4 pks & up)

*Add P10 to the end of your STK# to indicate 10 pack

Reap all the benefits of natural sunlight, without any harmful UV rays, while saving up to 60% on energy costs.

- Die-form, cold-rolled steel housing with white powder-coated finish.
- Precision-formed aluminum reflector ensures maximum light output.
- Universal input electronic ballast.
- Durable fixture is resistant to corrosive environments, making it suitable for most applications.
- Pendant chain mounting.
- Heavy Duty wire guard included.
- Rapid-start feature.
- Starting temperature: 0˚F.
- Power supply cord is not included. We suggest using our Pig Tail Power Supply Cords, sold separately.
- Lamps are sold separately. Please note type and quantity needed for each fixture. We recommend our energy-efficient fluorescent tube lamps, sold separately.
- Length: 46".
- 120 - 277 V.

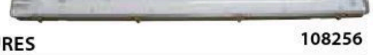
111522

PARLUCENT ENERGY-EFFICIENT HIGH BAY FIXTURES

STK#	LAMP TYPE	LAMP QUANTITY	EACH
111521	54 W T5	4	$ 67.95
111522	54 W T5	6	145.95

Energy-saving, indoor and outdoor, Vapor-Tight/Wet-Location Fixtures are ideal for use in all harsh environments.

- Suitable for wall mount, ceiling mount or suspended-ceiling mount.
- 117427 features sturdy polycarbonate housing with eight secure latches and lightweight, durable prismatic polycarbonate lens with UV inhibitors.
- 108256 features injection-molded polycarbonate housing with die-form, cold-rolled steel reflector and diffused polycarbonate shade.
- Electronic ballast.
- Rapid-start feature with a starting temperature of -10ºF.
- Lamps are not included. We recommend our High-Performance T5 and rapid-start T8 lamps, sold separately.
- In dairy barns, providing 15 to 20 footcandles for 14 to 16 hours daily can increase milk production by 10%.
- Cord not included.



108256

48" WET-LOCATION FIXTURES

STK#	LAMP TYPE	LAMP QUANTITY	VOLTS	EACH	20 & UP
117427	32 W T8	2	120	$ 79.95	$ 75.95
108256	54 W T5	2	120 - 277	119.95	115.95

NEW Halco® ProLED Select Hoverbay Round High Bay LED Lights And Accessories combine a sleek, modern design with premium performance to deliver a superior lighting solution for high ceiling applications.

- These dimmable lights are ideal for use in spaces with tall ceilings, including large retail stores, gymnasiums, showrooms, warehouses and more.
- CCT selectable technology allows users to switch between 4000K and 5000K color temperature.
- Precision optics help reduce glare, producing softer lighting that's easier on the eyes.
- Constructed with corrosion-resistant diecast aluminum housing and features a powder coat finish. Light is uL certified for wet locations.
- 120 - 277 V.
- Plug and play control options help simplify installation and provide ease-of-use.
- Lights come in white color and feature a 5 year warranty.
- Wire guards (118983 & 118984) are constructed to shield high bay fixtures from flying objects, impacts and other hazards.
- Yoke mounting brackets (118985 & 118986) ensure a simplified mounting process during installation.

118971-118974

118983/118984

118985/118986

HALCO® PROLED SELECT HOVERBAY ROUND HIGH BAY LED LIGHTS

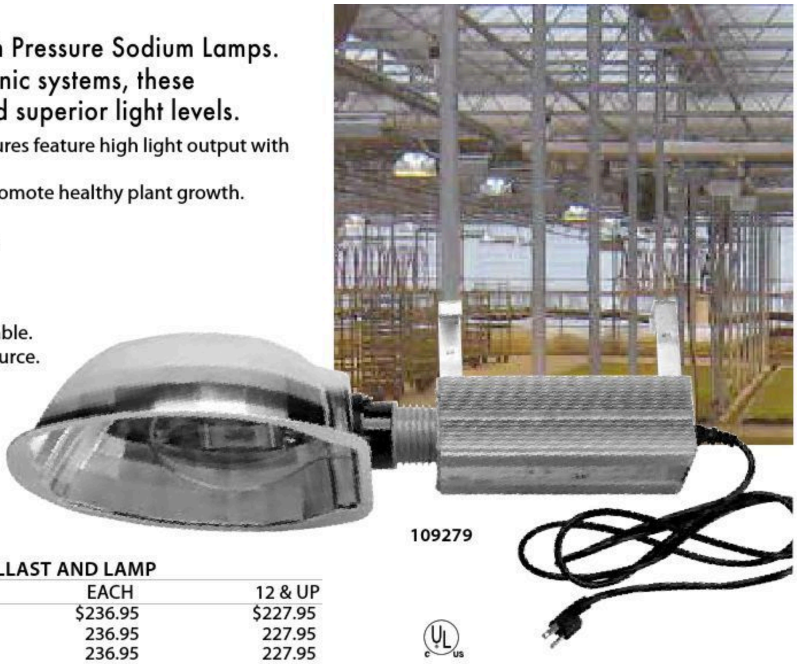
STK#	WATTS	EACH
118971	100	$107.45
118972	150	144.45
118973	200	188.45
118974	240	220.45

HALCO® PROLED SELECT HOVERBAY ROUND HIGH BAY LED LIGHT ACCESSORIES

STK#	ITEM	FOR USE WITH	EACH
118983	Wire Guard	118971 & 118972	$11.45
118984	Wire Guard	118973 & 118974	15.45
118985	Yoke Mounting Bracket	118971 & 118972	9.95
118986	Yoke Mounting Bracket	118973 & 118974	10.95

Digital ballast accepts both Metal Halide and High Pressure Sodium Lamps. Designed especially for greenhouses and hydroponic systems, these PARLucent fixtures offer outstanding uniformity and superior light levels.

- Available in both 400 W and 1,000 W, these energy-efficient fixtures feature high light output with low energy consumption.
- Designed to withstand damp, corrosive environments and to promote healthy plant growth.
- Extruded aluminum housing with aluminum reflector.
- Save over 30% on energy usage compared to magnetic ballasts.
- Constant output of power.
- Completely silent operation.
- Metal Halide/High Pressure Sodium convertible.
- Metal Halide: Best light source if little or no natural light is available. Promotes vigorous leafy growth. Functions as a primary light source.
- High Pressure Sodium: Best light source if used in conjunction with natural light. Promotes budding and flowering. Functions as a supplementary light source.
- Includes 8' power supply cord, lamp and hanging brackets.
- Replacement lamps available below.


109279

PARLUCENT GREENHOUSE LIGHT FIXTURES WITH DIGITAL BALLAST AND LAMP

STK#	ITEM	VOLT	EACH	12 & UP
109278	400 W Fixture w/HPS Lamp	120	$236.95	$227.95
109277	400 W Fixture w/HPS Lamp	240	236.95	227.95
109279	400 W Fixture w/MH Lamp	120	236.95	227.95
109280	400 W Fixture w/MH Lamp	240	236.95	227.95
109282	1,000 W Fixture w/HPS Lamp	240	224.95	–
109284	1,000 W Fixture w/MH Lamp	240	224.95	–

PARLUCENT REPLACEMENT LAMPS

STK#	WATTS	TYPE	BULB	BASE	LUMENS	EACH
113646	400	HPS	ET-18	Mogul	50,000	$ 6.65
113641	400	MH	BT-37	Mogul	36,000	9.45
113647	1,000	HPS	ED-25	Mogul	130,000	38.95
113643	1,000	MH	BT-58	Mogul	110,000	21.95

RECOMMENDED COVERAGE AREA

	Primary Light	Secondary Light
100 W =	1.5' x 1.5'	2.5' x 2.5'
250 W =	3' x 3'	5' x 5'
400W =	5' x 5'	8' x 8'
1,000 W =	8' x 8'	10' x 10'

PARLucent Two-Lamp T5 High-Output Fixture is ideal for use in hydroponic growing systems, greenhouse applications, warehouses, barns and more.

- Powder-coated, high-gloss white paint finish with UV inhibitors.
- Heavy Duty, cold-rolled steel fixture body.
- High power factor. Programmable-start electronic ballast.
- 120 - 277 V.
- Dimensions: 46.12" x 2.38" x 1.25".
- Lamp type: 54 W, High-Output T5.

PARLUCENT TWO-LAMP T5 FIXTURE

STK#	EACH
112623	$39.45

The LED Vapor Tight fixture is perfect for growers or for use in wet, damp locations.

- LEDs are housed in an injection molded polycarbonate that is light grey.
- 9,500 Lumens.
- CRI > 80.
- Features a clear lens
- Easy installation. Can be mounted on the ceiling or hung with a suspension chain. A stainless-steel mounting bracket is included, does not come with power cord.
- 120 - 277V.
- 9.45"W x 4.33"H x 49.80"L.
- 82 W.
- IP65 rated.

LED VAPOR TIGHT FIXTURE

STK#	EACH
116181	$194.95

NEW Peak Series High Bay Light Fixtures feature a versatile and efficient design that gives you all the flexibility you need to light up your space in a safe, comfortable and productive way.

- With up to 189 lumens per watt efficacy, these light fixtures ensure high performance in a variety of applications, including warehouses, distribution centers, factories, gymnasiums and more.
- Fixtures provide 4000K color temperature and are designed with rotatable optics to make shaping the light in a space quick and easy. Rotatable optics can be adjusted in the field in 30 degree increments from 0 to 180.
- Convenient, snap in-place lenses come in flat, curved or narrow optic varieties to meet a variety of lighting requirements.
- Constructed with rigid, die-formed steel housing for long-lasting durability. After fabrication, metal parts are treated with phosphate rust inhibitor and coated with high-reflectance polyester powder.
- 0 - 10 V dimming (10%-100%) standard. Included power cord comes with two low voltage dimming leads. Additional components for wired dimming system should be selected and supplied by installing electrical contractor.
- For mounting, lights come with MCH10 (Hook Cable Mount) suspension kits.
- Manufactured in the USA and backed by 5 year limited warranty.
- Fixtures come in white color.

Call sales for info

Economical high bay lighting for barns, warehouses, garages, riding arenas, gyms and more.

- Choose tight-focused 19" aluminum reflector (112557) or evenly diffused 22" prismatic refractor (112558).
- Quad volt ballast securely mounted in aluminum die-cast housing.
- Use in buildings with ceiling mounts above 15'.

VALUTEK™ 400 W METAL HALIDE HIGH BAY LIGHTS

STK#	ITEM	EACH	20 & UP
112557	19" Aluminum Reflector	$ 95.95	–
112558	22" Prismatic Refractor	148.45	$145.45

The L1000 Next-Gen Greenhouse Toplight optimizes lighting efficiency in greenhouses and grow rooms, increasing yields and decreasing time to harvest.

- This powerful LED top lighting allows growers to cover large areas with fewer fixtures, reducing capital investment and maximizing production.
- True 1:1 replacement for legacy 1000W HPS greenhouse light fixtures.
- Light spectrum for lamp is Pink Reproductive Spectrum. Seven additional spectrums available. Contact your knowledgable National Account Manager.
- Features an ultra-slim form factor to minimize crop shading.
- Unique XW Optic promotes superior uniformity and reduces fixture count by up to 15%.
- PPF of up to 2250 µmol/s for high performance.
- Customers can choose from 120 - 277 V and 277 - 480 V lighting.
- Dimmable cord must be purchased separately.

ARIZE® ELEMENT L1000 NEXT-GEN GREENHOUSE TOPLIGHT

STK#	VOLTAGE	EACH
117617	120 - 277	$989.00
117618	277 - 480	989.00

Gain more control over your plants with this dimmable, HPS, double-end grow light and fixture.

- Features a professional 1,000 W, high-frequency electronic ballast, and the dimming function allows you to provide plants with the perfect amount of light.
- The combination of high light efficiency and the 96%, high-efficiency aluminum horticultural reflector leads to a superior fixture that minimizes wasted light.
- Low power consumption.
- Completely silent – no humming or buzzing.
- Microprocessor controlled with electronic safety circuit with open circuit and short circuit protection. Fixture is completely sealed and features a waterproof plug.
- Fixture comes with 1,000 W Double-End Bulb.
- Optional hanging bracket sold separately.

113830

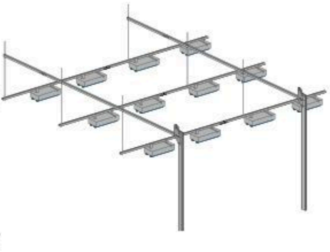
113826

PARLUCENT DOUBLE-END FIXTURE

STK#	ITEM	EACH
113830	Double-End Fixture	$263.95
113826	1,000 W Double-End Bulb	58.95
109270	Hanging Bracket	13.60

These Equipment Hanging Kits are perfect for circulation fans, light fixtures and more.

- A convenient and simple way to hang tools and equipment, while also giving structures a clean and organized appearance.
- The kits are great for safely running electrical cords and wires.
- Designed for strength, each 10' section of the Equipment Hanging Kit can support up to 50 lbs. of equipment.
- Easy to install and a great option for new or existing greenhouses.



EQUIPMENT HANGING KIT

STK#	ITEM	EACH
117081	120" C Channel with Slot	$33.95
117082	Light Hanging Channel Splice	4.15
FAK37	THRD Rod 1/2-13 Zinc 3'	7.15
FAME09B	Bulk Flatwash 1/2" Zinc Standard USS	0.32
FALB08B	Nut 1/2-13 Zinc, Grade 2 Each	0.35
FAG398B	Hex Cap 1/2 x 1-1/2 Zinc	0.59

Increase safety, brighten up those outdoor areas.

- Please note: High Intensity Discharge lighting, commonly called HID lighting, requires a special fixture and ballast for each type and wattage. The bulb wattage must be matched to the ballast rating. Using the incorrect bulb in a ballast can result in problems such as overheating and bulb damage which may result in premature ballast failure.

113649

VALUTEK™ HIGH PRESSURE SODIUM LAMPS

STK#	NOMINAL WATTS	BULB	BASE	APPROX. LUMENS	EACH	DISCOUNT PRICE
113648	70	ED-17	Medium	6,300	$ 6.49	–
113649	100	ED-17	Medium	9,500	7.45	$ 6.95 (12 & up)
113645	150	ED-17	Medium	15,800	7.95	7.49 (12 & up)
113647	1,000	ED-25	Mogul	130,000	38.95	–

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

Clear

Blackout

This UV-resistant greenhouse material is 12 times lighter than glass. These easy-to-handle, lightweight sheets are a breakthrough in greenhouse technology, and they can be used to provide crops with lighting or as a blackout option.

- Also widely used for construction, rain shields and soundproofing applications.
- Will not film over after long exposure to sunlight.
- Tough, practically shatterproof, 8 mm polycarbonate material maintains light transmission over years of use.
- Hollow, twin-wall construction gives superior insulating capabilities for better heat retention and lower fuel costs.
- Weighs only 1.5 KG/m2—1/12 that of glass.
- Virtually no UV penetration.
- Highly flame resistant, with a flashpoint of 1,166˚F.
- 10 year warranty.

DH8004/DH8007

- Foil Tapes are flame retardant.

8 MM TWIN-WALL POLYCARBONATE*

STK#	SIZE	COLOR	EACH	50 & UP
117020Z096	47-1/4" x 96"	Blackout	$ 89.95	–
116049	47-1/4" x 96"	Clear	98.95	$ 94.95
116050	47-1/4" x 120"	Clear	123.95	118.95
116051	47-1/4" x 144"	Clear	150.95	144.95
116052	71-1/4" x 96"	Clear	150.95	144.95
116053	71-1/4" x 120"	Clear	185.95	178.95
116054	71-1/4" x 144"	Clear	222.95	214.95

*Additional packing charges applicable. Maximum sheets per package are 50.

FOIL TAPE

STK#	ITEM	SIZE	EACH	24 & UP
DH8004	Flame-Retardant	2-1/2" x 150'	$24.69	$23.79
DH8007	Flame-Retardant	1" x 150'	10.39	9.95

Polycarbonate Fastening Accessories keep dirt and moisture out, while eliminating condensation and mold.

Self-Drilling Tek Screw (FA4474A)

- Zinc plated.
- Size: #12 x 1-1/2".
- Cuts its own threads in steel.
- Sold in packaged quantities of 100.

Flame-Retardant Foil Tape (DH8002,DH8004,DH8007)

- Extremely aggressive adhesive.
- Conforms to irregular surfaces.

FA4474A

Foil Tape

Galvanized Washer (102921A)

- Ensures weathertight fastening.
- 1" OD Neo-Bonded Galvanized Washer will accept #8-14 screw.
- Sold in packaged quantities of 100.

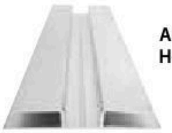
102921A

POLYCARBONATE FASTENING ACCESSORIES

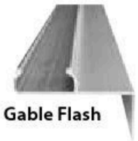
STK#	ITEM	EACH	DISCOUNT PRICE
DH8002	1-7/8" x 150' Foil Tape	$21.59	$20.75 (24 & up)
DH8004	2-1/2" x 150' Foil Tape	24.69	23.79 (24 & up)
DH8007	1" x 150' Foil Tape	10.39	9.95 (24 & up)
102921A	Galvanized Washer	6.69	6.45 (10 & up)
FA4474A	Zinc-Plated Tek Screw	9.87	9.47 (10 & up)

Simplify assembly with these aluminum and polycarbonate profiles and channels.

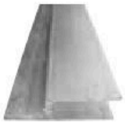
- Helps keep out dirt, insects and moisture.
- Allows for a finished, professional look.
- H-Channel: Use to join two polycarbonate sheets together.
- U-Channel: Use to cap off top and bottom of polycarbonate sheets.
- U-Profiles are designed for use with both 8 mm and 10 mm polycarbonate only.
- Channels and Profiles simplify assembly and offer a professional, finished appearance.
- Gable Flash (104546): Use on end bows when end walls are covered with polycarbonate.
- End Cap (104548): Use around doors, vents and fans. For use with 8 mm polycarbonate only.
- 55" Ridge Cap (CG96174): Manufactured from 24-gauge galvanized sheet metal and offers a finished, professional appearance to your greenhouse.



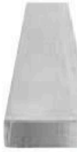
Aluminum H-Channel



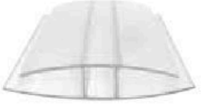
Gable Flash



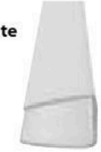
End Cap



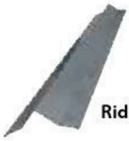
Aluminum U-Profile



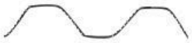
Polycarbonate H-Channel



Polycarbonate U-Profile



Ridge Cap



6.5' Spring

POLYCARBONATE FASTENING SYSTEM

STK#	ITEM	FOR USE WITH	EACH	50 & UP
111928	Polycarbonate H-Channel 8'L	8 mm & 10 mm	$23.65	$22.75
111930	Polycarbonate U-Profile 12'L	8 mm & 10 mm	21.59	20.75
111929	Polycarbonate H-Channel 12'L	8 mm & 10 mm	31.89	30.69
113236Z096	Aluminum H-Channel 8'L	8 mm	29.95	28.95
104213	Aluminum U-Profile 8'L	8 mm	13.35	12.85
104546	Gable Flash 8'L	–	19.55	18.79
104548	End Cap 8'L	8 mm	17.49	16.79
102198A	0.10 Spring 6.5'L	–	3.15	3.05
CG96174	Ridge Cap 55"L	–	39.00	35.00

Keep dirt and bugs out with Vent Tape for polycarbonate.

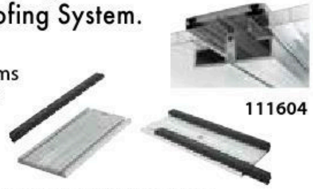
- Apply to bottom of polycarbonate sheets.
- For optimum efficiency, couple with our Flame-Retardant Foil Tape (DH8004, sold separately) that should be applied to the top of your polycarbonate sheets.

WHITE VENT TAPE

STK#	SIZE	EACH	DISCOUNT PRICE
104774	1" x 36 yds.	$34.19	$32.85 (36 & up)
104438	2" x 36 yds.	68.95	66.95 (24 & up)

Create a tight seal for your polycarbonate greenhouse roof with our Premium Two-Piece Gasket Roofing System.

- Ideal for use with our 8 mm polycarbonate.
- Durable Roof Mullion Gasket Base and Cap Systems are manufactured from 6063-T6 grade aluminum for durability.



111604

PREMIUM TWO-PIECE GASKET ROOFING SYSTEM FOR POLYCARBONATE

STK#	ITEM	EACH	250 & UP
111601Z096	8' Roof Mullion Base Gasket System	$26.75	–
111601Z144	12' Roof Mullion Base Gasket System	30.85	–
111601	24' Roof Mullion Base Gasket System	58.95	–
113370	Double Strand EPDM Gasket, per ft.	1.95	$1.89
111604Z096	8' Roof Mullion Cap Gasket System	29.95	–
111604DZ144	12' Roof Mullion Cap Gasket System	47.95	–
111604D	24' Roof Mullion Cap Gasket System	78.95	–

POLYMAX

SEE FULL-LINE @ WWW.FARMTEK.COM

The number one choice for waste storage structures, large ponds, fish and decorative ponds, waterways, water gardens, golf courses, ice skating rinks, rooftop gardening and more.

- Constructed of multi-layer, black, high-density, reinforced polyethylene.
- 36 mil thickness.
- Minimum order: 200 sq. ft.
- Maximum panel size: 10,000 sq. ft.
- The enhanced UV resistance, abrasion resistance and seam strength, coupled with the puncture and tear properties, make this liner ideal for manure covers.
- Large panels can easily be joined in the field using our Premium TapeCoat® Seaming Tape.
- 15 year warranty is offered when used with our Non-Woven Pond Underliner, sold separately.

LINE CALCULATOR
Width = Width + 2x Depth + 2' for anchoring
Length = Length + 2x Depth + 2' for anchoring

PREMIUM 36 MIL POLYMAX® POND, CANAL AND ROOF LINER

	PRICE PER SQ. FT.	
STK#	200'-999'	1,000' & UP
109908	$1.45	$1.39

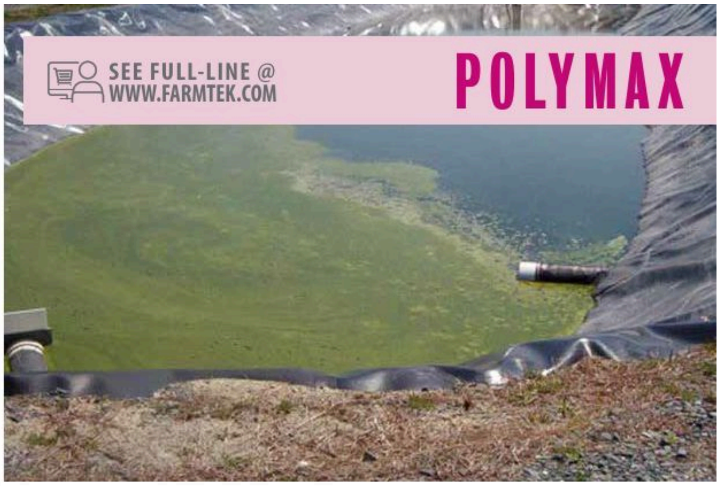
Premium 12 Mil PolyMax® Pond and Canal Liner

- Ideal for fresh water, irrigation ponds and decorative ponds.
- Constructed of black, woven HDPE scrim between white/black polyethylene with 2 mil coating on each side.
- 12 mil thickness.
- Minimum order: 200 sq. ft.
- Maximum panel size: 12,000 sq. ft.
- 2 year limited warranty is offered on liners used in exposed applications. On fully buried installations, a 10 year warranty applies when used with our Non-Woven Pond Underliner, featured below.

Before
After

PREMIUM 12 MIL POLYMAX® POND AND CANAL LINER

	PRICE PER SQ. FT.	
STK#	200'-999'	1,000' & UP
110274	$0.73	$0.71



Heavy Duty, lightweight Premium 24 mil PolyMax® Liner.

- Constructed of three layers of heavy-duty, reinforced, coated polyethylene scrim laminated into one inseparable layer.
- Enhanced UV and abrasion resistance.
- Superior seam strength.
- 24 mil thickness.
- Priced per sq. ft., with a minimum order of 200 sq. ft.
- 15 year warranty is offered when used with our Non-Woven Pond Underliner, sold separately.

PREMIUM 24 MIL POLYMAX® LINER

	PRICE PER SQ. FT.	
STK#	200'-999'	1,000' & UP
110097	$1.65	$1.59

Ideal for seaming, sealing and repairing pond and landfill liners, tarps and fabric structures.

- Composed of tough, multipolymer alloy film with a synthetic elastomeric adhesive.
- Manufactured to provide an air, vapor and watertight seal.
- Resistant to UV rays, thermal expansion, bacteria, impact and abrasion.
- Excellent for all applications where abrasion, puncture and leak resistance.
- Cost effective and easy to use.
- Thickness: 25 mil.
- Tensile strength: 4,500 PSI.
- Roll size: 4"W x 100'L.

BLACK PREMIUM SEAMING AND FABRIC REPAIR TAPE

STK#	EACH	6 & UP
105383	$133.95	$129.95

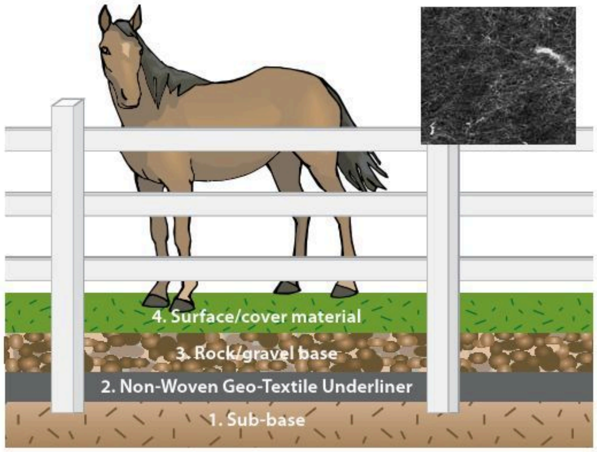
Non-Woven Underliner provides filtration, separation and tensile reinforcement, as well as embankment stabilization.

Lightweight, non-woven geo-textile underliner is ideal for farm and ranch applications for livestock and equine. Don't let mud hinder the performance of your beef and dairy herds, nor create an unhealthy environment for your horses. Create a stable, all-weather surface that will dramatically improve the footing and overall hoof health of your cattle and horses. Simply lay the underliner down, cover with gravel or rock and finish with surface footing/cover material of choice. Perfect for exercise rinks, stables and paddocks, around feed bunks, water troughs and more.

- 105246 is ideal for waste oil containment, roads, roofs, dams, pipe wrapping and trenches, landfills, drainage areas and construction use.
- Protects your pond liner from tears and punctures caused by stones, roots and soil chemicals. Pond liner warranties are valid only when underliner is used.
- Constructed from 8 oz., charcoal gray, non-woven fabric that is 100% staple polyester and polypropylene needle-punched design.
- Resistant to tears, puncture, soil chemicals, ultra-violet light exposure and virtually unaffected by hydrocarbons, mildew, rot and freeze-thaw.
- 112652 and 113787 are made of 95% polyester, are heavyweight and have superior life expectancy and UV resistance.
- Provides more even diffusion of built-up gases and fluids.
- Minimum order: 10'.
- Maximum continuous roll length: 300'. Roll width: 15'.

NON-WOVEN UNDERLINER

		PUNCTURE	PRICE PER LINEAR FT.	
STK#	THICKNESS	STRENGTH	10'-299'	300' & UP
105246	100 mil	130 lbs.	$ 5.55	$ 5.35
112652	90 mil	575 lbs.	6.69	6.49
113787	180 mil	1,220 lbs.	11.25	10.79


4. Surface/cover material
3. Rock/gravel base
2. Non-Woven Geo-Textile Underliner
1. Sub-base

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Duraclad® Interlocking Multiwall Panels are a strong, easy-install cladding solution that can be used on all types of structures to make them more functional, hygienic and sleek.

- These PVC liner panels are a high-performance alternative to fiberglass reinforced panels, painted drywall, plasterboard, plywood and a variety of other materials. Ideal for use in dairy, hog and poultry farms, controlled environment agriculture (CEA), factories and industrial buildings, salt storage, fertilizer storage, refrigerated warehouses and much more.
- Can be used on both interior walls and ceilings and feature a multiwall structure that results in high level of rigidity and strength, while also allowing for rapid installation.
- Interlocking tongue and groove edges permit fasteners to be completely hidden, resulting in clean, smooth finish.
- Smooth, bright white surface is easy to clean and maintain and is resistant to chemicals, mold, bacteria and water.
- Panels are also non-flammable, offer excellent light reflectance and feature an attractive high-gloss finish.
- All panel trim pieces (117970-117975) are 10'L.
- Includes 20 year warranty.

117970

117971

117972

117973

117974

117975

DURACLAD® INTERLOCKING MULTIWALL PANELS

STK#	SIZE	EACH
117963	16" x 96" Panel	$32.95
117964	16" x 120" Panel	39.95
117965	16" x 144" Panel	49.95
117966	16" x 168" Panel	57.95
117967	16" x 192" Panel	65.95
117968	16" x 216" Panel	74.95
117969	16" x 240" Panel	82.95

*Additional packing charges applicable.

DURACLAD® INTERLOCKING MULTIWALL PANEL TRIM PIECES

STK#	ITEM	EACH
117970	Outside Corner L-Trim	$11.95
117971	Inside Corner Trim	8.95
117972	H-Divider Trim	13.95
117973	Base Trim	9.95
117974	J-Channel Trim	6.95
117975	Outside Corner F-Trim	7.95

*Additional packing charges applicable.

Easy to apply to walls, ceilings or anywhere a weatherproof, durable surface is needed.

- 100% high-density polyethylene (HDPE) boards are easy to install, easy to clean and virtually maintenance free.
- Eco-friendly PolyMax® made of 100% post-consumer recycled material.
- Rot, rust, moisture and corrosion proof.
- Extremely durable, UV stable and impact resistant.
- Chemical resistant.
- Custom sheets are available. Ask for details.
- 1/16" PolyMax® not recommended for floor or ceiling applications.

CUSTOM POLYMAX® SHEETS*

STK#	SIZE	PRICE PER SQ. FT.
106910	1/16"	$1.39
106911	1/8"	2.21
106912	3/16"	3.35
106913	1/4"	3.79
106914	1/2"	6.09

*Minimum order is 1,500 lbs. Maximum width is 96". Maximum length is 144".

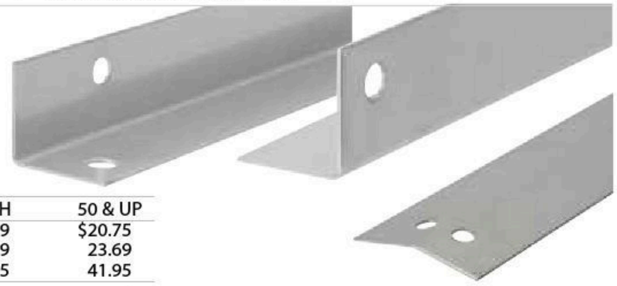
WHITE POLYMAX® SHEETS*

STK#	SIZE	EACH	25 & UP
108401	1/16" x 48" x 96"	$ 35.55	$ 34.15
108402	1/16" x 48" x 120"	44.95	43.95
108387	1/16" x 60" x 120"	55.95	53.95
108388	1/8" x 48" x 96"	57.95	55.95
108389	1/8" x 48" x 120"	74.95	71.95
108390	3/16" x 48" x 96"	91.95	88.95
108403	3/16" x 48" x 120"	110.95	106.95
108391	1/4" x 32" x 96"	80.95	77.95
108392	1/4" x 48" x 96"	101.95	97.95
108393	1/4" x 48" x 120"	127.95	122.95
108394	1/2" x 48" x 96"	201.95	193.95

*May contain black specks or color drift.

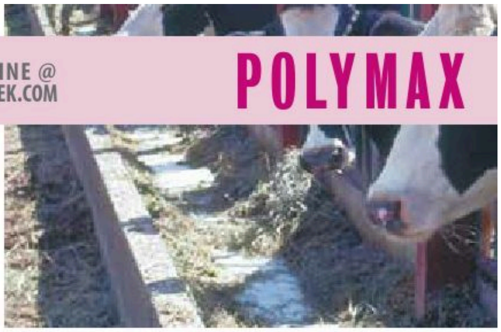
Great for demanding applications.

- Moldings are creased so their edges will better grip the adjoining poly board surfaces.
- Better than plastic for high-traffic areas.


Interior/Exterior Corner Molding

304 STAINLESS STEEL MOLDINGS

STK#	ITEM	# OF HOLES	EACH	50 & UP
XR2515	Joint, 2" x 8', 18 Gauge	18	$21.59	$20.75
XR2565	90° Int./Ext. Corner, 1" x 1" x 8', 18 Gauge	18	24.69	23.69
XR2535	90° Int./Ext. Corner, 1-1/2" x 1-1/2" x 8', 16 Gauge	18	42.95	41.95



PolyMax® nonstick liners let you dump and empty your loads quickly, with no materials left behind. Long lasting, with superior UV protectors and will not freeze in the cold weather. Protect and add years of life to your truck, trailer bed or other equipment.

- Available in white, high-density polyethylene (HDPE) in 50' rolls or black recycled, high-molecular-weight polyethylene (HMWPE) in 100' rolls.
- Custom-cut lengths are available. Refer to our custom ordering guide or ask your knowledgeable National Account Manager for details.
- Eco-friendly white PolyMax® is made of 100% post-consumer recycled material.
- Durable, corrosion-resistant liner will not rust or rot and is ideal when carrying sand, gravel, manure, top soil, compost and more.
- Sanitary and easy to clean. Inhibits growth of disease and bacteria.
- Liners cut to any shape, making installation quick and easy, and will virtually last forever.
- Ask your knowledgeable National Account Manager for fastening suggestions.
- 1/16" PolyMax® not recommended for wall, floor or ceiling applications.
- Priced per linear ft.

Custom Liner Rolls

- Custom Liners are available in both black and white.
- Priced per sq. ft.
- Minimum order: 1,500 lbs.
- Maximum width: 96".

BLACK POLYMAX® HMWPE ROLLS

		PRICE PER LINEAR FT.	
STK#	SIZE	PER FT.*	100' ROLL†
116626	1/8" x 48"	$14.35	$12.95
116627	1/8" x 72"	16.69	13.49
116628	1/8" x 96"	22.95	19.95
116630	1/4" x 48"	22.95	17.95
116629	1/4" x 72"	33.45	29.79
116631	1/4" x 96"	43.95	40.95

*Minimum order: 10'. †Add R to the end of the STK# for full roll.

CUSTOM LINERS

STK#	SIZE	COLOR	PRICE PER SQ. FT.
106876	1/16"	White	$1.45
106877	1/8"	White	2.55
106874	1/8"	Black	3.19
106875	1/4"	Black	5.79

WHITE POLYMAX® HDPE ROLLS*

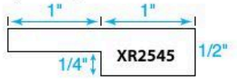
		PRICE PER LINEAR FT.	
STK#	SIZE	50' ROLL PER FT.	6 ROLLS & UP PER FT.
108408	1/16" x 48"	$ 4.49	$ 4.35
108409	1/16" x 72"	6.55	6.29
108410	1/8" x 32"	5.55	5.35
108411	1/8" x 48"	8.45	8.15
108399	1/8" x 60"	10.62	10.19
108400	1/8" x 72"	12.75	12.24
108987	1/4" x 32"	10.25	9.85
108988	1/4" x 48"	14.39	13.85
108989	1/4" x 60"	18.49	17.75

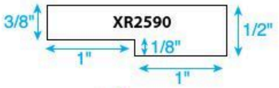
*May contain black specks or color drift.

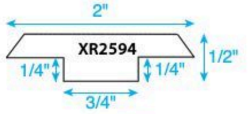
Chemical Resistant
Abrasion Resistant
High-Impact Strength
Slick, Smooth Surface
No Moisture Absorption

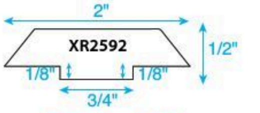
Make manger liner installation fast and easy with our square or beveled moldings.

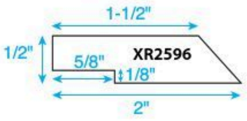
- Securely holds liner in place.
- Great when used with our manger liner rolls and sheets.
- Manufactured from HDPE for long life and durability.
- Ask your National Account Manager for the proper fastener for your application.

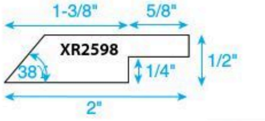






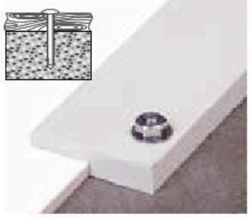






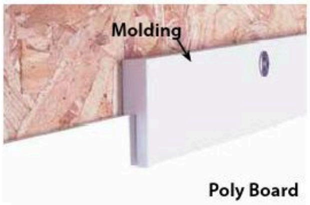
POLY MANGER LINER MOLDINGS AND JOINT COVERS

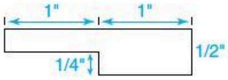
STK#	8' LENGTHS POLY MOLDING	USE WITH	EACH
XR2545	Square	1/4"	$14.39
XR2590	Square	1/8"	14.39
XR2592	Joint	1/8"	14.39
XR2594	Joint	1/4"	14.39
XR2596	Beveled	1/8"	14.39
XR2598	Beveled	1/4"	14.39



Helps prevent dirt and moisture from getting into the wall.

- Perfect for poly board installations that do not completely cover the wall.
- Will securely hold 1/8" to 1/4" Poly Boards in place.
- Available in 8' lengths.

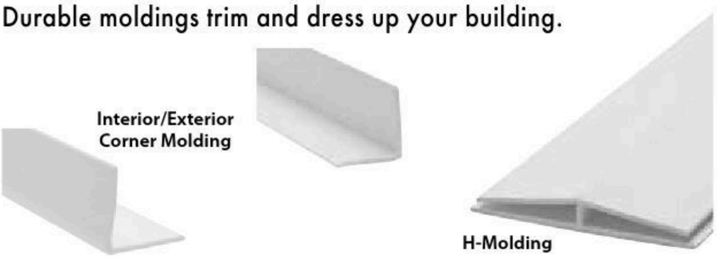




POLYMAX® POLY BOARD WALL MOLDING

STK#	EACH
XR2545	$14.39

Durable moldings trim and dress up your building.



WHITE POLYMAX® 8' MOLDINGS

STK#	ITEM	SIZE	EACH	100 & UP
111947	Interior/Exterior Corner Molding	1-1/4" x 1-1/4"	$ 9.25	$ 8.89
111951	H-Molding for 1/16" to 3/16" Poly	–	11.19	10.75
111950	H-Molding for 1/4" to 1/2" Poly	–	11.59	11.15

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

NEW Puncture-resistant, high tear strength FeedShield™ and FeedShield™ Pro Reinforced Silage Tarps feature durable, multi-layer string polyethylene construction, defending your silage outdoors for up to 18 months.

- Industry-leading OTR (Oxygen Transmission Rates) protect silage from the elements. Perfect for preserving stored feed, forage, hay and more.
- Black side insulates silage interior and white side reflects light off the exterior, preventing transmission of light and moisture through silage barrier.
- A multi-layer string polyethylene cover is puncture-resistant and has high tear strength.
- Durability and straightforward installation save labor, money, and time.
- Use indoors or outdoors. Up to 18 months of outdoor protection.
- FeedShield™ Reinforced Silage Tarp (118991-118997) 7 mil thick with a 4-layer string polyethylene design.
- FeedShield™ Pro Reinforced Silage Tarp (118998-119004) is 8 mil thick and features a 10-layer string reinforced polyethylene cover with an EVOH barrier.
- Available in widths from 24' to 60'.
- Must be purchased in lengths of 5' increments.

FEEDSHIELD™ REINFORCED SILAGE TARPS

STK#	THICKNESS	WIDTH	EACH	STK#	THICKNESS	WIDTH	EACH
118991	7 Mil	24'	$16.95	118998	8 Mil	24'	$17.95
118992	7 Mil	30'	20.95	118999	8 Mil	30'	22.95
118993	7 Mil	36'	24.95	119000	8 Mil	36'	26.95
118994	7 Mil	42'	29.95	119001	8 Mil	42'	31.95
118995	7 Mil	48'	33.95	119002	8 Mil	48'	35.95
118996	7 Mil	54'	37.95	119003	8 Mil	54'	40.95
118997	7 Mil	60'	41.95	119004	8 Mil	60'	44.95

PolyMax® Premium Hay Tarps are engineered for strength, durability and superior nutrient retention.

- Available in either 7.5 oz., 16 mil Silver/White or 10 oz., 22 mil White UV-resistant polyethylene fabrics.
- 7.5 oz. tarps come with a 4 year warranty. Silver side banishes harmful sunlight, while the white side stops heat within the stack.
- 10 oz. tarps come with our exclusive 5 year warranty. The superior performance of these white tarps keeps your hay the coolest while preserving the chemical composition and nutrient value.
- Ideal protection from sun, rain and wind.
- Hay tarps come complete with strapping, ratchets and earth auger anchors for placement at each corner.
- Sleeves along lengths accept weight-adding pipe to ensure stability and allow you to adjust tarp to different sizes. We recommend using our 1.315" OD pipe (131S075), sold separately.
- For additional securing, we recommend our Hay Tarp Anchor Kit which includes four ratchet tie-downs and four corkscrew ground stakes, sold separately.
- For optimum results, place the ratchet tie-downs every 6' to 8' on center along each side.
- Custom sizes are available. Simply ask your knowledgeable National Account Manager.

POLYMAX® PREMIUM HAY TARPS

7.5 OZ. SILVER/WHITE TARPS			10 OZ. WHITE TARPS	
STK#	EACH	SIZE	STK#	EACH
107826	$ 295.00	15'W x 48'L	107830	$ 345.00
103505	485.00	15'W x 54'L	107536	489.00
103507	525.00	23'W x 48'L	107538	645.00
107827	675.00	29'W x 48'L	107831	849.00
107828	715.00	29'W x 54'L	107832	925.00
103513	815.00	35'W x 48'L	107544	955.00
107829	895.00	41'W x 48'L	107833	1,019.00
103515	1,345.00	55'W x 48'L	107546	1,395.00
103516	1,405.00	48'W x 60'L	107547	1,455.00
103517	4.85 sq. ft.	Custom 1'-2,999'	107548	4.35 sq. ft.
103518	4.65 sq. ft.	Custom 3,000' & up	107549	4.29 sq. ft.

Save money and reduce spoilage by covering outside hay and straw.

- 6 oz. Black/Silver fabric.
- 12 mil thickness.
- Reinforced corners and brass grommets every 18".
- Recommended for both heat-sensitive and light-sensitive storage.

POLYMAX® 6 OZ. BLACK/SILVER HAY AND STORAGE TARPS

STK#	SIZE*	EACH
110801	25'W x 33'L	$249.00
110800	28'W x 48'L	305.00
110802	25'W x 54'L	345.00

*Finished sizes may vary +/- 3".

Heavy Duty Black and Silver 6 oz. Construction Tarp

- UVI-treated polyethylene top and bottom coatings.
- Silver on one side to reflect the sun's rays, black on the other to block sunlight.
- Silver side up will divert both heat and UV light; black side up will absorb heat and divert UV light.
- High-density black polyethylene weave, 14 sq. in. count.
- Heavy Duty molded plastic reinforced corners.
- Aluminum grommets spaced every 24".
- 12 mil thickness.

POLYMAX® HEAVY DUTY BLACK/SILVER 6 OZ./SQ. YD. TARPS

STK#	SIZE*	EACH
CC4560	6' x 8'	$ 25.95
CC4561	8' x 10'	31.95
CC4562	10' x 12'	40.95
CC4567	12' x 20'	68.95
CC4573	16' x 20'	91.95
CC4575	20' x 30'	156.95
CC4581	30' x 40'	275.95
CC4585	40' x 60'	495.95
CC4587	50' x 100'	845.95

*Finished size may vary +/- 3".

Super Heavy Duty 8 oz. woven HDPE. Extra weight and strength for your toughest needs.

- Plastic-reinforced corners.
- UV resistant.
- Double fabric, reinforced at grommets.
- 17 mil thickness.
- High-density polyethylene oriented yarn, 14 sq. in. count. 600 denier yarn weight.
- We can produce covers, tarps and barriers for any application.

POLYMAX® ULTRA HEAVY DUTY GREEN/SILVER 8 OZ./SQ. YD. TARPS

STK#	SIZE*	EACH
CC2450	16' x 20'	$125.95
CC2452	20' x 30'	229.95
CC2454	25' x 33'	285.95
CC2458	30' x 40'	429.95
CC2460	40' x 60'	605.95

*Finished size may vary +/- 3".

Economical Grab Bag Tarps are ideal for wood piles, construction materials, work sites, equipment vehicle storage, athletic fields and more.

- These one-of-a-kind tarps come in random weights (7.5 oz. to 12.5 oz.) and random colors.
- Please note that color choice is left to us, based upon current availability.
- Each tarp is reinforced on all four sides with tape and brass grommets that are spaced every 24".

POLYMAX® GRAB BAG TARPS

STK#	SIZE	EACH
CLTARP10X10TG	10' x 10'	$21.95
CLTARP10X12TG	10' x 12'	26.95
CLTARP10X15TG	10' x 15'	33.95
CLTARP10X20TG	10' x 20'	53.95
CLTARP12X12TG	12' x 12'	26.95
CLTARP12X15TG	12' x 15'	32.95
CLTARP12X20TG	12' x 20'	44.95
CLTARP14X10TG	14' x 10'	26.95

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

Custom Tarps are ideal for grain, boats, construction, greenhouse covers, equipment and more.

- Available as tarp sheets, tarps that are bound and grommeted or tarps with pockets and straps.
- Choose your fabric weight and style.
- Our Tarp Anchor Kit, sold separately, is ideal for use with the pocket-style tarps.
- Where indicated, add appropriate letter to end of the STK# to indicate your desired color choice.
- Standard grommet spacing is 12" on center.
- Tarps with pockets will include straps in two sides (must note which side).
- Custom shapes, grommet spacing and added features, such as zippered door, can be added to any custom tarp. Zippered doors allow for easy access anytime, without removing the entire cover. Zippers are available in either #10 standard duty or #15 industrial-strength Heavy Duty Zip. See details below.
- Panels under 300 sq. ft. incur a small-panel charge of $28.95 (STK# CC3046).
- Priced per sq. ft. All fabrics are available in factory bulk rolls.

BW COLORS

3.1 oz. Black/White PolyMax® All-Purpose Fabric

- White side is ideal as a vapor barrier, wall or ceiling cover.
- Woven polyethylene with a count of 8 x 3 tapes per in.
- Tensile strength: 90 lbs. Warp x 60 lbs. Weft (ASTM D-751, Grab).
- Tear strength: 31 lbs. Warp x 18 lbs. Weft (ASTM D-751, Tongue).
- Thickness: 5 mil.
- Minimum order: 50'. Available in Bulk Fabric Rolls only.

C BW COLORS

5.2 oz. Custom Tarps

- Medium weight poly material is ideal for use in poultry houses or as a roll-up curtain in greenhouses.
- Added UV inhibitors. Will not tear or rot.
- Thickness: 12 mil.
- Not available with pockets.

BS COLORS

6 oz. Custom Tarps

- Woven polyethylene with a count of 10 x 8 tapes per in.
- Thickness: 12 mil. Superior UV resistance.
- Withstands both prolonged heat and cold extremes.
- Silver exterior side provides excellent heat-reflective properties.
- White exterior side provides optimal heat-reflective properties.

W C COLORS

6 oz. Flame-Retardant Fabric

- Available in Clear or White.
- Woven polytheylene, 10 x 8 tapes per in.
- 12 mil thick.
- Priced per linear ft. Available in Bulk Fabric Rolls only.

W C SW COLORS

7.5 oz. Custom Tarps

- Super heavy 7.5 oz. per sq. yd. is available in Clear, Silver/White or White.
- Weave: 12 x 12 (ASTM D-3775). Thickness: 16 mil (ASTM D-1777).
- Tear strength: Warp 68 x Fill 65 (ASTM D-2261).
- Tensile strength: Warp 270 x Fill 199 (ASTM D-1682).
- Mullen Burst: 425 PSI (ASTM D-3786).
- Far superior to film when used as greenhouse cover.

W N C COLORS

10 oz. Custom Tarps

- 10 oz. rip-stop polyethylene covering is durable, strong and long lasting.
- Available in Clear, White or Green.
- Weave: 14 x 14 (ASTM D-3775). Thickness: 22 mil (ASTM D-1777).
- Tear strength: Warp 74 x Fill 83 (ASTM D-2261).
- Tensile strength: Warp 317 x Fill 249 (ASTM D-1682).
- Mullen Burst: 510 PSI (ASTM D-3786).

W G N T COLORS

12.5 oz. Custom Tarps

- 12.5 oz. 24 mil premium poly tarp is available in your choice of four colors.
- Weave: 16 x 16 (ASTM D-3775).
- Thickness: 24 mil (ASTM D-1777).
- Tear strength: Warp 120 x Fill 120 (ASTM D-2261).
- Tensile strength: Warp 350 x Fill 340 (ASTM D-5034).
- Mullen Burst: 670 PSI (ASTM D-3786).

W COLORS

12.5 oz. Flame-Retardant Custom Tarps

- 12.5 oz. flame-retardant fabric is available in White only and comes with a 10 year life expectancy.
- Thickness: 24 mil (ASTM D-1777).
- 16 x 16 tapes per inch.
- Tear strength: Warp 120 x Fill 120 (ASTM D-2261).
- Tensile strength: Warp 350 x Fill 340 (ASTM D-5034).
- Mullen burst: 670 PSI (ASTM D-3786).
- Meets NFPA 701 and ASTM E84 (Class 1).

W C SC COLORS

16 oz. Custom Tarps

- 16 oz. polyester laminated vinyl, 1,000 x 1,000 denier tarps are available in White, Clear or Super Clear.
- Super Clear, with "see-through" effect, allows maximum light for your livestock and can help minimize energy costs.
- Matte finish does not attract dirt.
- Tear strength: Warp: 75 lbs., Fill: 70 lbs.
- Tensile strength: Warp: 240 lbs., Fill: 235 lbs. Hydrostatic resistance: 370 PSI.
- Superior cold-crack and UV resistance.

W T COLORS

22 oz. Custom Tarps

- Our strongest tarp for your toughest applications.
- 22 oz. PVC-coated 22 x 20 1,000 denier woven vinyl.
- Available in White or Tan as tarp sheets, tarps that are bound and grommeted or tarps with pockets and straps.
- Flame resistant.
- Temperature range: -22° F to 158° F.
- Priced per sq. ft.

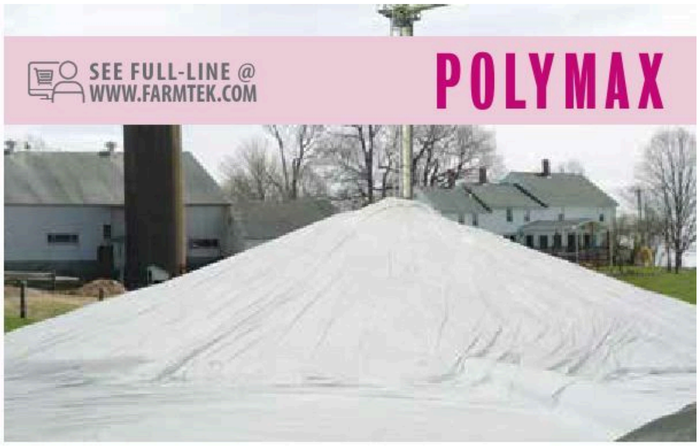
Add a zippered door to any custom cover or tarp.

- Available in #10 Standard Duty and #15 Heavy Duty, industrial.
- Zippered door allows for easy access anytime without removing the entire cover.
- Zippers are available as zipper only for self installation or installed by us in your custom cover or tarp.

#10 Zipper

#15 Zipper

⚠ **WARNING:** Cancer and Reproductive Toxicity - P65Warnings.ca.gov



Factory bulk rolls offer great savings.

- Factory bulk rolls now available in flame-retardant, 6 oz. fabric in your choice of Clear or White.
- Make your own custom tarps and covers with any of our bulk roll fabrics and our easy-to-use Premium Tarp-Making Tape. Available in either Black or White, tape is sold separately below.

BULK FABRIC ROLLS

STK#	ITEM	WIDTH	PRICE PER LINEAR FT. EACH	DISCOUNT PRICE
108991†	3.1 oz. Black/White	51"	$ 0.57	$ 0.54 (600' & up)
108992†	3.1 oz. Black/White	120"	1.29	1.25 (600' & up)
108993†	3.1 oz. Black/White	144"	1.39	1.35 (600' & up)
10026424M	5.2 oz. Clear	144"	3.81	3.66 (600' & up)
116998	5.2 oz. Black/White	144"	3.95	3.49 (600' & up)
110047	6 oz. Black/Silver	144"	3.99	3.85 (600' & up)
110045**	6 oz. FR, Clear	144"	4.09	3.95 (600' & up)
110046**	6 oz. FR, White	144"	4.45	–
CC4748	7.5 oz. Clear	144"	4.91	4.71 (500' & up)
CC4649	7.5 oz. Silver/White	144"	4.91	4.71 (500' & up)
109031	7.5 oz. White	144"	4.95	4.75 (500' & up)
CC4849	10 oz. White	144"	5.79	5.59 (600' & up)
108376	10 oz. Green	144"	5.48	5.26 (600' & up)
CC4949	10 oz. Clear	144"	5.79	5.59 (600' & up)
107434*	12.5 oz. W,N,T,G	144"	8.65	8.35 (300' & up)
108248**	12.5 oz. FR, White	144"	21.59	20.75 (600' & up)
115221*	16 oz. W,C,SC	72"	5.99	5.75 (300' & up)
107436*	22 oz. White, Tan	98.5"	16.75	16.09 (150' & up)

*Add appropriate letter to the end of the STK# to indicate your color choice.
**Flame-Retardant Fabric. †Minimum order: 50'.

5.2 OZ. CLEAR CUSTOM TARPS

STK#	ITEM	EACH	PRICE PER SQ. FT. 1,000'-2,999'	3,000' & UP
107425C	Custom Tarp Sheet	$0.50	$0.48	$0.47
107426C	Custom Tarp w/Grommets	1.05	0.99	0.95
107427C	Custom Tarp w/Pockets	1.05	0.99	0.95

6 OZ. CUSTOM TARPS

STK#	ITEM	EACH	PRICE PER SQ. FT. 1,000'-2,999'	3,000' & UP
106360	Custom Tarp Sheet	$0.71	$0.69	$0.65
106361	Custom Tarp w/Grommets	1.19	1.15	1.09
106362	Custom Tarp w/Pockets	1.19	1.15	1.09

7.5 OZ. CUSTOM TARPS

STK#	ITEM	EACH	PRICE PER SQ. FT. 1,000'-2,999'	3,000' & UP
104687	Custom Tarp Sheets	$0.61	$0.59	$0.57
104688	Custom Tarp w/Grommets	0.73	0.71	0.69
104689	Custom Tarp w/Pockets	0.73	0.71	0.69

10 OZ. CUSTOM TARPS

STK#	ITEM	EACH	PRICE PER SQ. FT. 1,000'-2,999'	3,000' & UP
104690	Custom Tarp Sheets	$0.71	$0.69	$0.65
104691	Custom Tarp w/Grommets	1.19	1.15	1.09
104692	Custom Tarp w/Pockets	1.19	1.15	1.09

12.5 OZ. CUSTOM TARPS

STK#	ITEM	EACH	PRICE PER SQ. FT. 1,000'-2,999'	3,000' & UP
104693	Custom Tarp Sheets	$1.25	$1.19	$1.15
104694	Custom Tarp w/Grommets	1.32	1.29	1.25
104695	Custom Tarp w/Pockets	1.32	1.29	1.25

12.5 OZ. FLAME-RETARDANT CUSTOM TARPS

STK#	ITEM	EACH	PRICE PER SQ. FT. 1,000'-2,999'	3,000' & UP
104693FRW	Custom Tarp Sheet	$1.65	$1.59	$1.55
104694FRW	Custom Tarp w/Grommets	1.87	1.85	1.79
104695FRW	Custom Tarp w/Pockets	1.87	1.85	1.79

16 OZ. CUSTOM TARPS

STK#	ITEM	EACH	PRICE PER SQ. FT. 1,000'-2,999'	3,000' & UP
107431	Custom Tarp Sheet	$1.45	$1.41	$1.39
107432	Custom Tarp w/Grommets	1.59	1.55	1.49
107433	Custom Tarp w/Pockets	1.59	1.55	1.49

22 OZ. CUSTOM TARPS

STK#	ITEM	EACH	PRICE PER SQ. FT. 1,000'-2,999'	3,000' & UP
107401	Custom Tarp Sheet	$2.39	$2.35	$2.29
107402	Custom Tarp w/Grommets	2.89	2.85	2.79
107403	Custom Tarp w/Pockets	2.89	2.85	2.79

CLEARSPAN™ CUSTOM COVER/END PANEL ZIPPERS

#10 STANDARD DUTY ZIPPER STK#	EACH	INSTALLED*	SIZE	#15 HEAVY DUTY ZIPPER STK#	EACH	INSTALLED*
112037	$13.95	$108.95	72"	112036	$ 80.95	$159.95
112039	18.95	118.95	96"	112038	96.95	172.95
112041	20.95	137.95	120"	112040	113.95	183.95
112043	23.95	150.95	144"	112042	124.95	193.95
112045	25.95	161.95	168"	112044	145.95	205.95
–	–	–	192"	112046	171.95	247.95

*Add I to the end of the STK# for Installed Zipper.

"Do-it-yourself" Tarps made easy with our Tarp Seaming and Repair Tape.

- Composed of tough, multipolymer alloy film with a synthetic elastomeric adhesive.
- Provides an air, vapor and watertight seal.
- Resistant to UV rays, thermal expansion, bacteria, impact and abrasion.

PREMIUM SEAMING AND FABRIC REPAIR TAPE

STK#	COLOR	ROLL SIZE	THICKNESS	EACH	6 & UP
105383	Black	4" x 100'	25 mil	$133.95	$129.95

STK#	COLOR	ROLL SIZE	THICKNESS	EACH
109023	White	4" x 33'6"	40 mil	$36.95

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

NEW Sunmaster EVO AC® 8-Layer Greenhouse Film offers a superior alternative to other anti-drip films, supplying growers with exceptional condensation control, greater light transmission and a longer, more productive lifespan.

- This 6 mil greenhouse film is manufactured with specially designed 7-layer co-extrusion lines, along with additional 8th layer on film's surface that provides long-lasting anti-dripping effect.
- Non-migratory anti-dripping system is built for greater longevity, ensuring advantage in humidity management and making it possible to use film for more than 4 years.
- This material eliminates mist, helping to prevent humidity from settling on plants and creating favorable conditions for fungal diseases.
- Special composition allows more light to enter greenhouse, achieving greater than 91% light transmission.
- Works well in low temperatures, yielding crystal clear droplet-free appearance for the products lifetime.
- More effective at lower roof slopes than traditional anti-drip films, which require 30° inclination to perform well.
- Install the film on the greenhouse with external side of roll facing ground.

CUSTOM-CUT EVO AC® 8-LAYER GREENHOUSE FILM

		PRICE PER LINEAR FT.		
STK#	WIDTH	1'– 99'	200'–999'	1000' & UP
118102	20'W	$2.49	$2.45	$2.39
118103	28'W	4.05	3.89	3.85
118104	36'W	4.49	4.45	4.39
118105	40'W	4.99	4.95	4.89
118106	42'W	5.95	5.85	5.65
118107	48'W	5.99	5.95	5.89
118108	56'W	6.99	6.95	6.89

Custom-cut lengths under 50'L incur a small panel charge of $12.00.

Excellent durability and light transmission.

- Ideal for both single and double-layer greenhouse applications.
- Copolymer tri-layer construction provides superior strength and high light transmission.
- 55% opacity keeps the light shining through.
- UV stabilized for up to four years of film life.
- Available in full rolls or custom-cut lengths.

SUNMASTER® WHITE 6 MIL 4 YEAR GREENHOUSE FILM

STK#	ROLL SIZE	EACH
108648	24'W x 110'L	$465.00
108649	32'W x 110'L	619.00

CUSTOM-CUT SUNMASTER® WHITE 6 MIL 4 YEAR GREENHOUSE FILM

		PRICE PER LINEAR FT.		
STK#	WIDTH	1'-199'	200'-999'	1,000' & UP
108691	40'	$5.65	$5.45	$5.25
108693	48'	7.05	6.79	6.55

Custom-cut lengths under 50'L incur a small-panel charge of $12.00.

NEW This premier 6 mil thermal film combines superior heat retention and condensation control offers huge savings on energy costs while securing max total light, max UV radiation and max diffusion.

- Co-extruded copolymer resin tri-layer construction offers maximum physical properties for superior film life.
- UV Open technology maximizes the amount of UV light that reaches your plants resulting in earlier and higher yield.
- Improved diffusion levels at 75% for more uniform plant growth while still achieving >89% global light transmission.
- IR additives absorb Infra-Red radiation and reduce heat losses during the night, saving as much as 30% on heating costs.
- Drip control additive is incorporated throughout the film and provides superior condensation control.
- UV stabilized for up to four years of film life.
- Film should not come in direct contact with PVC.
- Writing should be facing the inside of the greenhouse so you can read from inside the greenhouse.
- Available in full rolls or custom–cut lengths.

SUNMASTER® INFRARED/ANTI-CONDENSATE THERMAL GREENHOUSE FILM

STK#	ROLL SIZE	EACH
117588	24'W x 100'L	$319.00
108635	32'W x 100'L	299.95

CUSTOM-CUT SUNMASTER® INFRARED/ ANTI-CONDENSATE THERMAL GREENHOUSE FILM

		PRICE PER LINEAR FT.		
STK#	WIDTH	1'-199'	200'-999'	1,000' & UP
109093	20'	$1.76	–	–
109094	28'	2.18	–	–
117591	36'	3.85	$3.79	$3.75
117592	40'	4.25	4.19	4.15
117593	42'	4.49	4.45	4.39
117594	48'	5.15	5.09	5.05
117595	56'	5.99	5.95	5.89

Custom-cut lengths under 50'L incur a small-panel charge of $12.00.

Low-cost solution to your greenhouse fabric needs.

- This Heavy Duty, woven polyethylene features an anti-condensate additive on one side that reduces moisture buildup and dripping.
- 85% light transmission.
- Designed to stand up to just about any climate.
- Resists rips and tears.
- UV additives allow the fabric to maintain its strength, ensuring a dependable greenhouse fabric with a long life.
- Available in 5.2 oz., 11 mil and 7.5 oz., 16 mil.
- 144" wide, priced by the linear foot.

GREENHOUSE FABRIC

		PRICE PER LINEAR FT.	
STK#	ITEM	EACH	DISCOUNT PRICE
115995	5.2 oz., 11 mil Greenhouse Fabric	$4.19	$4.05 (600' & up)
115996	7.5 oz., 16 mil Greenhouse Fabric	5.55	5.35 (500' & up)

Outside Air Inflation Systems

5 A Manual Speed Controller (CR2200)

- Hot days—reduce the speed of the blower.
- Cold or windy days—increase the speed of the blower.

CR2200

Manometer (102913)

- Allows the greenhouse operator to monitor the air pressure between the layers of poly.
- Air pressure between layers should be 0.15" on hot days and 0.30" on cold windy days.

102913

115842

117120

OUTSIDE AIR INFLATION SYSTEMS

STK#	ITEM	EACH
117120	60 CFM Inflaction System	$139.95
115842*	148 CFM Inflation System	169.95
102913	Dwyer® Mark II Manometer	109.95
CR2200	Manual Speed Controller	59.95

*Includes 6' hose. Optional 4' hose (110096) sold separately.

Makes greenhouse film, shade cloth and curtain installation fast and easy.

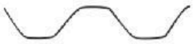
- Reusable latches hold material up to 20 mil thick.
- Creates a professional, finished appearance.

1-1/4" W

102197

← 3" W →

104211



102198A

ALUMINUM POLY LATCHES

STK#	ITEM	EACH	50-99	100 & UP
102197	Single U-Channel 8'L	$10.27	$ 9.86	$ 9.46
104211	Double U-Channel 8'L	37.95	36.95	35.95
102198A	0.10" Spring 6.5'L	3.15	3.05	2.89

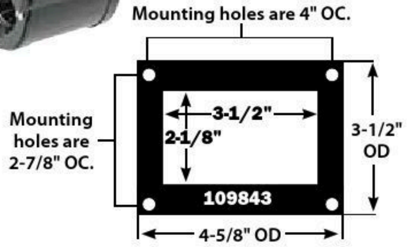
WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

Inflation System Replacement Blowers

- Heavy-duty design.
- High-efficiency operation.

109843

109842A



INFLATION SYSTEM REPLACEMENT BLOWERS

STK#	CFM	VOLTS	AMPS	HZ	RPM	HP	EACH
109842A	60	115	0.42	60/50	3,030	1/25	$99.95
109843	148	115	1.37	60/50	3,160	1/10	98.95

Quality remnants that save you money.

- Economical way to secure poly film to greenhouses or to any structure.
- Prevents wind lift up and ripping.
- Flexible and easy to use. Just unroll, hold in place and fasten.
- Can be used to hold tarps down over construction projects and as tree wrap.
- 3" woven polyethylene orlaminated vinyl strips are UV resistant and come in assorted colors in 6 milto 24 mil thickness. Let us choose, based on availability.

ALL-PURPOSE BATTEN STRIPS

STK#	SIZE	EACH
105552	3" x 200'	$103.95
105553	3" x 300'	131.95
105554	3" x 400'	110.95
105555	3" x 1,500'	147.95
105556	3" x 2,400'	173.95

Making gutter repairs has never been easier or more economical.

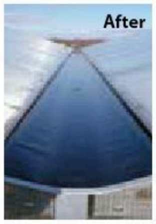
- Patch holes and line existing gutters with minimal labor and cost.
- Lightweight, heavy-duty, reinforced geomembrane black fabric is available in either 24 mil or 36 mil.
- Specially formulated polyester scrim, with polypropylene barrier layers will not rot and has a long life expectancy.
- UV-resistant material holds shape well and can handle extreme weather conditions.
- Also ideal for making your own water troughs, lining feed bunks and more.
- We recommend using our Premium Sealing and Repair tape, sold separately. Adheres to metal, plastic and rusted areas.
- Priced per linear ft. Minimum order 20 ft.

GUTTER REPAIR SYSTEM

STK#	WIDTH	MIL	PRICE PER LINEAR FT. 20'-99'	100' & UP
105543	12"	24	$1.45	$1.39
105547	12"	36	1.75	1.69
105544	18"	24	2.15	2.09
105548	18"	36	2.49	2.39
105545	24"	24	2.85	2.75
105549	24"	36	3.15	3.05
105550	36"	36	4.79	4.65

PREMIUM SEAMING AND REPAIR TAPE

STK#	EACH	6 & UP
105383	$133.95	$129.95



Vinyl Strips are "do-it-yourself," high quality and economical.

- Protection from heat, cold and humidity.
- Good visibility.
- Standard vinyl strips are ideal for use in temperature ranges 0° to 130°F, while economy vinyl strips are best for use in temperature ranges 5° to 122°F.
- Easy to install.
- Sold by the linear foot and 300 feet is the maximum continuous roll length.

ECONOMY VINYL STRIPS

		PRICE PER LINEAR FT.	
STK#	SIZE	EACH	DISCOUNT PRICE
117778	6" x 0.060"	$1.09	$1.05 (300' & up)
117779	8" x 0.080"	1.79	1.75 (300' & up)
117780	12" x 0.120"	4.19	4.15 (200' & up)

STANDARD VINYL STRIPS

		PRICE PER LINEAR FT.	
STK#	SIZE	EACH	DISCOUNT PRICE
XR3695	6" x 0.060"	$1.65	$1.59 (300' & up)
XR3700	8" x 0.080"	2.69	2.59 (300' & up)
XR3705	12" x 0.120"	4.85	4.69 (200' & up)

Durable and strong, these USDA-approved PVC Strips are ideal for all applications.

- Standard PVC strips are ideal for use in temperature ranges -20° to 130°F, while economy PVC strips are best for use in temperature ranges -13° to 86°F.
- UV stabilized.
- Minimizes maintenance.
- Reduces hot or cold air loss.
- Priced per linear ft.

ECONOMY LOW TEMPERATURE/OFFSET DOUBLE-RIBBED PVC

		PRICE PER LINEAR FT.	
STK#	SIZE	EACH	150' & UP
117781	8" x 0.072" x 0.272"	$2.19	$2.15
117782	12" x 0.110" x 0.310"	5.15	5.09

3rd measurement is thickness of rib.

LOW TEMPERATURE/OFFSET DOUBLE-RIBBED PVC

		PRICE PER LINEAR FT.	
STK#	SIZE	EACH	150' & UP
XR3780	8" x 0.072" x 0.272"	$3.45	$3.35
XR3782	12" x 0.110" x 0.310"	6.89	6.65

3rd measurement is thickness of rib.

Great for Heavy Duty applications such as forklift traffic and pallet jacks. Made to last.

- Ribs are spaced approximately 2" apart and are offset by 1/2".
- Ribbed material prevents surface contact and decreases static buildup.
- Standard PVC strips are ideal for use in temperature ranges 0° to 130°F, while economy PVC strips are best for use in temperature ranges 5° to 122°F.
- UV stabilized.
- Priced per linear ft.

ECONOMY OFFSET DOUBLE-RIBBED PVC

		PRICE PER LINEAR FT.	
STK#	SIZE	EACH	150' & UP
117783	8" x 0.072" x 0.272"	$1.99	$1.95
117784	12" x 0.110" x 0.310"	4.05	3.99

3rd measurement is thickness of rib.

STANDARD OFFSET DOUBLE-RIBBED PVC

		PRICE PER LINEAR FT.	
STK#	SIZE	EACH	150' & UP
XR3790	8" x 0.072" x 0.272"	$3.15	$3.05
XR3792	12" x 0.110" x 0.310"	6.05	5.85

3rd measurement is thickness of rib.

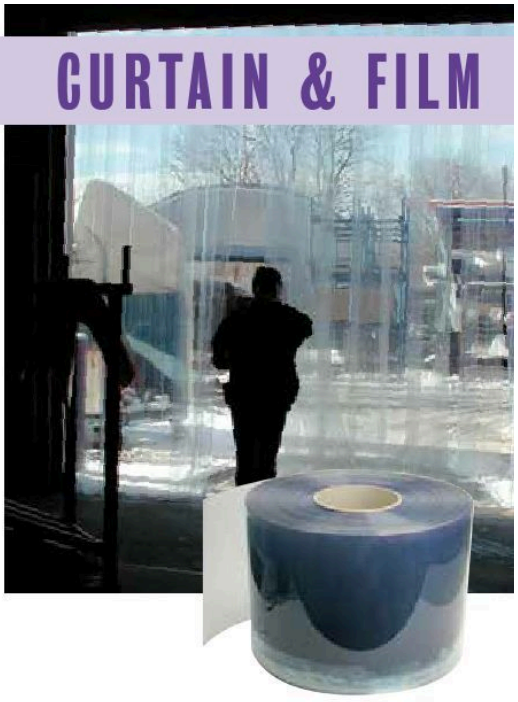
⚠ **WARNING:** Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Vinyl Strip Doors protect from noise, heat, cold, humidity, dust and drafts. They're easy to order and install.

- Outstanding transparency. "See-thru" quality.
- Manufactured of flame-resistant compounds.
- Extruded with rounded edges.

Fill in the blanks:

1. Linear Footage Factor: ________________.
   Determine your door's linear footage factor using the chart below.
   - First, select the material width.
   - Next, follow the row across to the column representing the overlap percentage you have decided on. The number in the box is your linear footage factor.
2. Height of opening: ________________ (round up measurement to next full foot, i.e., 15'6" rounds to 16').
3. Width of opening: ________________(round up measurement to next full foot, i.e., 19'4" rounds to 20').
4. Multiply the door width from step 3 by the linear footage factor from step 1. The result is the number of strips required.
   Door width: ________________ x Linear Footage Factor:
   ________________ = Number of strips required: ________________.
5. To determine the actual linear feet of strip, multiply the number of strips required from step 4 by the height of the door from step 2: ________________.
6. Finally, select your mounting hardware.



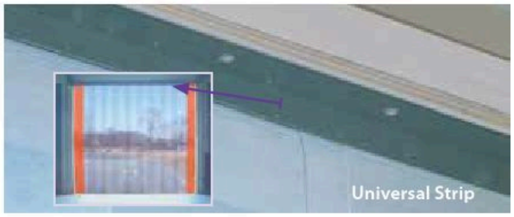
Example: Medium traffic exterior doorway in a northern Minnesota warehouse. The following steps correspond to the ordered checklist above. For this heavy-duty application, we selected 12"W, standard offset double-ribbed vinyl strips.

1. 1.5 linear footage factor, 12" strips with a 67% overlap.
2. 16' (i.e., the door is actually 15'6" rounded up to 16 ft.).
3. 20' (i.e., the door is actually 19'4" rounded up to 20 ft.).
4. 1.5 linear footage factor x 20' width of door = 30 strips needed.
5. 30 strips required x 16' height of door = 480 linear ft. The door requires 480 linear ft. of 12"W offset double-ribbed vinyl strips. Now just decide on mounting hardware.
6. **Two 8' and one 4' Universal Strip Door Mounting Kits will mount strips along the 20' of door's width. Strips will mount directly under the header and will not interfere with automatic overhead doors.**

Determining Linear Footage

DESIRED WIDTH	OVERLAP PERCENTAGE					
	25%	33%	50%	67%	75%	100%
6"	–	2.4	–	3	–	4
8"	1.75	–	2	–	2.5	3
12"	–	1.2	1.35	1.5	–	2

Create a professional appearance for your strip door with our Universal Strip Door Mounting Kits and Molding.



UNIVERSAL STRIP DOOR MOUNTING KITS

STK#	SIZE	EACH
XR3770	4'	$52.95
XR3775	8'	90.95

Prefabricated, ready-to-install Vinyl Strip Doors have excellent optical clarity, permitting good visibility through doorways.

Universal Strip Doors Light-Duty, 1/2 Overlap Strip Door (XR3740)

- Perfect for pedestrian traffic and where temperature, noise or dust control is required.
- Prefabricated to any size.
- Easy to install.
- Size: 8" x 0.080".

Standard-Duty, 2/3 Overlap Strip Door (XR3742)

- Perfect for heavy-traffic areas.
- Size: 12" x 0.120".

Standard Offset, 2/3 Overlap Strip Door (XR3744)

- For high-traffic areas.
- Double ribbed.
- Size: 12" x 0.110".

USDA-Approved, Low Temperature, 2/3 Overlap, Offset Strip Door (XR3746)

- For cold and freezer applications.
- Double ribbed.
- Size: 12" x 0.110".

ORDERING: STRIP DOORS
Simply measure Length x Width x Unit Price

UNIVERSAL STRIP DOORS

STK#	SIZE	OVERLAP	PRICE PER SQ. FT.
XR3740	8" x 0.080"	1/2	$ 5.89
XR3742	12" x 0.120"	2/3	11.05

STANDARD OFFSET STRIP DOOR

STK#	SIZE	OVERLAP	PRICE PER SQ. FT.
XR3744	12" x 0.110"	2/3	$11.55

USDA LOW TEMPERATURE STRIP DOOR

STK#	SIZE	OVERLAP	PRICE PER SQ. FT.
XR3746	12" x 0.110"	2/3	$14.55

Ready-Made ClearView Panels

- Manufactured from marine-grade, 16 mil, double-polished, optically clear PVC vinyl with UV inhibitors.
- Provide UV protection, while maintaining clarity and flexibility.
- Flame resistant, mildew resistant and have a cold-crack rating of -30ºF.
- Panels are finished with white, 22 oz. PVC-coated polyester trim and grommeted every 24".
- 8" Snugger Tie-Downs are included for quick and easy fastening and securing.

READY-MADE CLEARVIEW PANELS

STK#	SIZE	EACH
105670	9'4"W x 5'10"H	$229.00
105193	9'6"W x 7'H	215.00
105201	9'8"W x 6'4"H	299.00
105660	9'8"W x 8'H	269.00
105194	14'6"W x 7'H	355.00
105661	14'8"W x 8'H	345.00
105671	19'4"W x 5'10"H	329.00
105195	19'6"W x 7'H	379.00
105202	19'8"W x 6'4"H	379.00
105662	19'8"W x 8'H	389.00
105196	24'6"W x 7'H	415.00
105672	29'4"W x 5'10"H	$429.00
105197	29'6"W x 7'H	465.00
105203	29'8"W x 6'4"H	459.00
105663	29'8"W x 8'H	585.00
105673	39'4"W x 5'10"H	529.00
105204	39'8"W x 6'4"H	539.00
105664	39'8"W x 8'H	575.00
105665	44'8"W x 8'H	625.00
105205	49'8"W x 6'4"H	579.00
105206	59'8"W x 6'4"H	639.00

Ideal for porch and patio enclosures, tents, and room dividers, offering great visibility, high clarity and flexibility.

- Manufactured from marine-grade, 16 mil or 20 mil double-polished clear PVC vinyl with UV inhibitors.
- Flame resistant, mildew resistant and has a cold-crack rating of -30ºF.
- Available unfinished, finished with white 22 oz. PVC-coated polyester trim and grommeted every 24", or finished on three sides with fourth side hemmed for easy roll up.
- Great for covering existing windows and doors for energy conservation.
- Create your own Roll-Up Panel Kit using our accessories, all sold separately. Ask your National Account Manager for details.
- Priced per sq. ft.

CUSTOM CLEARVIEW PANELS

			PRICE PER SQ. FT.	
STK#	ITEM	MIL	1'-299'	300' & UP
105657	Unfinished Edge	16	$3.29	$3.15
105658	4 Finished Sides and Grommeted	16	4.09	3.95
105659	3 Finished Sides, 1 Hem Side	16	3.89	3.75
10565720	Unfinished Edge	20	3.99	3.83
10565820	4 Finished Sides and Grommeted	20	4.65	4.46
10565920	3 Finished Sides, 1 Hem Side	20	4.65	4.46

Panels under 300 sq. ft. incur a small-panel charge of $28.95 (STK# CC3046).

PANEL MOUNTING AND ROLL-UP ACCESSORIES

STK#	ITEM	EACH	DISCOUNT PRICE
AS5020	7/8" Nylon Pulley with Swivel Eye	$ 0.81	$ 0.78 (100 & up)
108288	ClearView Wood Fastener	1.08	–
CC5505	1/8" Curtain Cord, 1,000' Roll*	32.95	31.95 (12 & up)
131S096	96"L Conduit 1.315" OD	19.69	18.95 (50 & up)
CC6212	Fabric Clip	1.72	1.65 (100 & up)
AS2080	4-1/2" Rope Cleat	1.95	1.87 (50 & up)
FA1980	Stainless Steel 3" Eye Screw	1.59	1.55 (100 & up)
FAX110	1/4" x 3-1/2" Zinc Chromate Screw Hook	0.74	0.71 (100 & up)
FA4482A	#14 x 1" Zinc-Plated Tek Screws, Bag of 100	10.58	10.15 (10 & up)
CC4595	8" Snugger Tie-Down	0.65	0.62 (100 & up)
102197	8' Single U-Channel Poly Latch	10.27	9.86 (50 & up)
102198A	0.10 6.5' Spring	3.15	3.05 (50 & up)

*350 lb. tensile strength.

PVC ClearView Vinyl Strips are ideal for all "do-it-yourselfers."

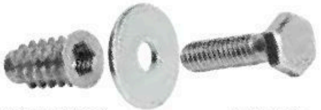
- Use as utility doors, panels on existing buildings, canopies or awnings.
- 12 mil, 16 mil and 20 mil, double-polished, clear PVC vinyl are all UV resistant and will maintain their high clarity and flexibility.
- Marine-grade quality.
- Priced per linear ft.
- Flame resistant, mildew resistant, and have a cold-crack rating of -20ºF.
- We recommend our ClearView Wood Fastening System (108288), sold separately.

CLEARVIEW VINYL STRIPS

			PRICE PER LINEAR FT.	
STK#	MIL	WIDTH	EACH	180' ROLL
106013	12	54"	$3.15	$3.05
105129	16	61"	3.99	3.85
107760	16	72"	6.15	5.95
106573	20	72"	8.45	8.15

The ultimate system for attaching your ClearView Panels to wood structures.

- This system allows for fast and easy attachment of ClearView Panels, as well as shades, storm shutters, fabric panels, polycarbonate and more.
- Gives you temporary or permanent fastening with a professionally finished look.
- When not in use, there are no sharp or unsightly fasteners left behind, nor any damage to your structure.
- Includes stainless steel hex bolt, zinc-plated fender washer and die-cast zinc alloy threaded wood insert.



CLEARVIEW WOOD FASTENING SYSTEM

STK#	EACH
108288	$1.08

1. Drill 9 mm pilot hole.
2. Turn wood insert into hole with 6 mm hex drive.
3. Attach panel.

100% polyester. Great for marine, industrial, recreational and agricultural applications.

- Low stretch.
- UV resistant.
- Abrasion resistant.
- Diamond braided.

POLYESTER CORD

STK#	SIZE	DIA.	LENGTH	EACH	DISCOUNT PRICE
CC5505	#4	1/8"	1,000'	$ 32.95	$ 31.95 (12 & up)
118049*	#5	3/16"	1,000'	64.95	–
CC5515	#6	3/16"	1,000'	69.95	67.95 (4 & up)
CC5525	#8	1/4"	1,000'	105.95	101.95 (4 & up)
CC5542	#12	3/8"	500'	127.95	122.95 (4 & up)

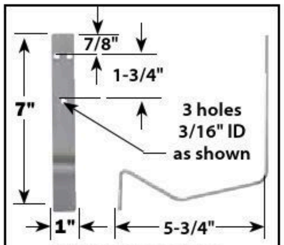
*Knitted.

Keep an organized operation free of obstruction with our EZ-Snap Rope Hook.

- For 1/4" rope.
- Either insert hook into wire lock channel or mount on surfaces via fastener.
- Durable aluminum construction.

EZ-SNAP ROPE HOOK

STK#	EACH
117063	$1.75



CC5350 Dimensions

Protect your curtain from wind-whip and tears.

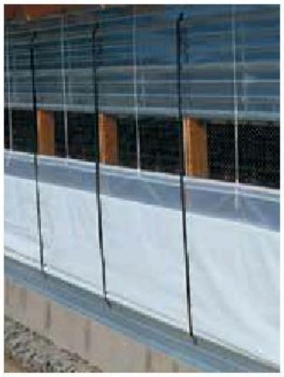
- 3/16" heavy-gauge, powder-coated steel retaining bracket keeps curtain folded properly.
- Provides a cradle for lacing anti-billowing rope.

CURTAIN BRACKET

STK#	EACH	150 & UP
CC5350	$5.75	$5.55

Polypropylene Curtain Retaining Strapping

- Extremely durable and highly UV resistant.
- Smooth, wide surface retains curtain and prevents wear.
- Ratchets help to keep strap tight.
- May contain up to two splices per roll.



POLYPROPYLENE CURTAIN RETAINING STRAPPING

STK#	SIZE	COLOR	CAPACITY	ROLL	EACH	6 & UP
CC5330	1-3/4"	Black	Utility	300'	$ 14.75	$ 14.19
CC5335	2-3/4"	Black	Utility	300'	29.95	27.95
CC5340	2-3/4"	White	Utility	300'	22.95	21.95
111390	1"	Black	3,000 lbs.	300'	86.95	83.95
109621	2"	White	3,000 lbs.	300'	61.95	59.95
108013	2"	Black	3,000 lbs.	300'	61.95	59.95
109748*	2"	Premium White	2,500 lbs.	300'	60.95	–
112109	2"	Yellow	10,000 lbs.	300'	167.95	161.95
109622	4"	White	5,000 lbs.	150'	53.95	51.95
108014	4"	Black	5,000 lbs.	150'	57.95	55.95

*Premium White Strapping has a tighter weave, making it extremely durable and ideal for anti-billowing applications.

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

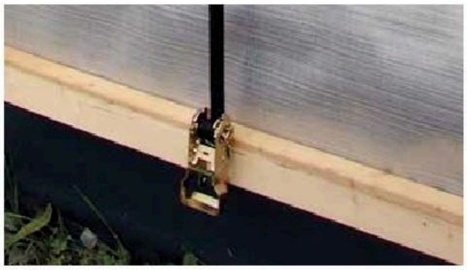
Great for billow control, leashes and guy lines.

- Lightweight and extremely strong.
- CC5310 is hollow braid construction.
- 109376 and 109377 are 3-strand twisted rope construction that is resistant to most chemicals.
- Will not rot or mildew.
- Highly UV resistant.
- Ideal around water.
- 109377 is polyethylene.

POLYPROPYLENE ROPE

STK#	DIA.	COLOR	LENGTH	EACH	4 & UP
CC5310*	3/16"	Black	1,000'	$ 36.95	$ 35.95
109376	5/16"	Yellow	600'	54.95	52.95
109377	1/2"	Black	600'	275.95	264.95

*Easy to splice.



AS9250D/ 111305

Strap Ratchets

STRAP RATCHETS

STK#	SIZE	EACH
QH1061	1" Strap Ratchet	$ 5.95
QH1065	2" Strap Ratchet	11.45
AS9250D	2" Bolt-On Lashing Winch	26.75
111305	2" SS Bolt-On Lashing Winch	109.95
109329	Bottom Strap Bracket	5.65

109329

Pipe Clamp

- For 1.315" OD pipe.
- Predrilled 3/8" hole.

PIPE CLAMP

STK#	EACH
109335	$3.69

Securely grip curtain rods with this 14-gauge galvanized curtain rod hanger.

- Adjustable 2-piece clamp with nut and bolt.
- Pipe size ID: 1/2".
- Pipe size OD: 0.708".

GALVANIZED CURTAIN CLAMP

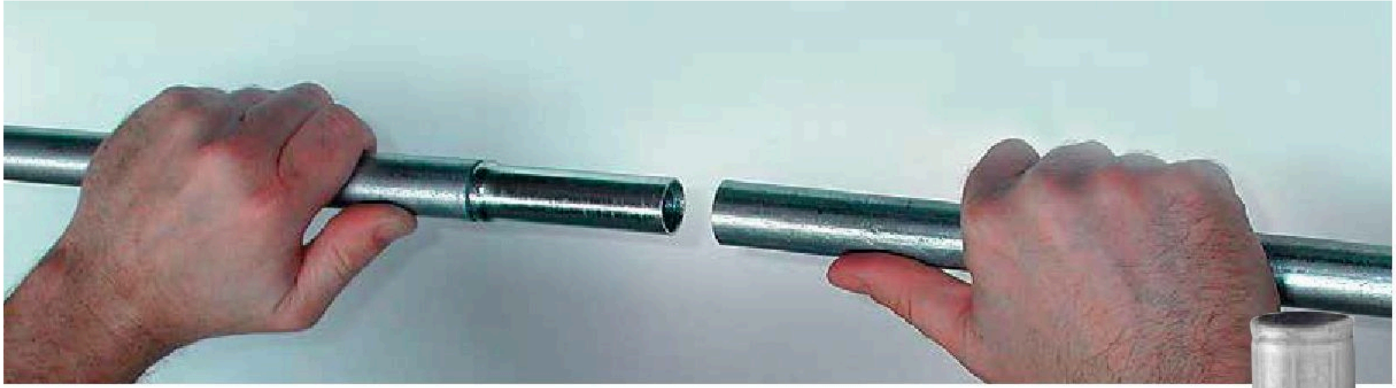
STK#	EACH	100 & UP
CC1645	$1.45	$1.39

Top Storm Strap Bracket

- Heavy Duty strap bracket comes with two predrilled 3/8" mounting holes for easy installation.
- Relieves stress on strapping for longer working life.

TOP STORM STRAP BRACKET

STK#	EACH
109332	$3.69



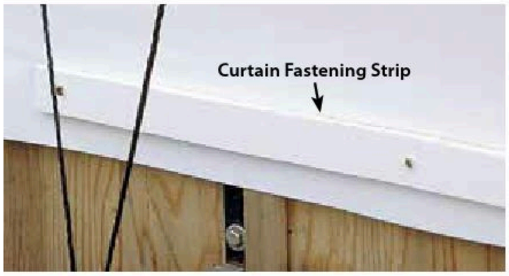
Triple-galvanized, Tight-Fit Curtain Conduit

- Eliminates barn curtain hang up problems of external couplings.
- Use vertically as anti-billow pipes in dairy and hog applications.
- Pipe has 3" swage.

TIGHT-FIT CURTAIN CONDUIT

STK#	SIZE/OD	SIZE/ID	LENGTH	GAUGE	EACH	50 & UP
106816	0.706"	1/2"	96"	19	$ 8.19	$ 7.89
106817	0.706"	1/2"	123.5"	19	11.29	10.85
106818	0.922"	27/32"	120"	18	15.39	14.79
105S123	1.05"	3/4"	123"	19	18.79	18.09
131S096	1.315"	1-3/16"	96"	17	19.69	18.95
131S147	1.315"	1-3/16"	147"	17	27.15	26.09

106816
106817
106818
105S123
131S096
131S147

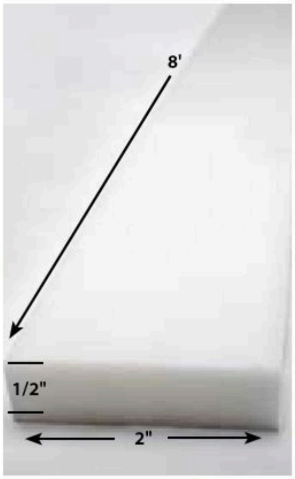


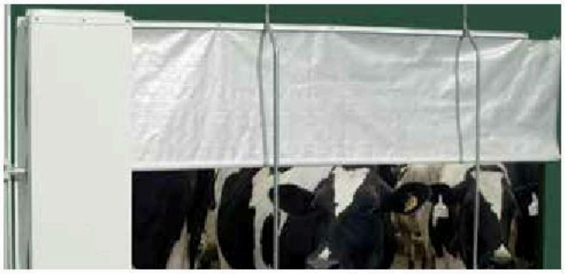
Protect your curtain from wind damage.

- Made from solid corrosion-resistant HDPE polyethylene.
- 1/2" x 2" x 8'.

CURTAIN FASTENING STRIP

STK#	EACH	50 & UP
CC2140	$9.25	$8.89





For use in fabric installations.

- Easily mounts to all wood or steel structures.
- 1.25"W x 8'L.

ALUMINUM BATTEN STRIP

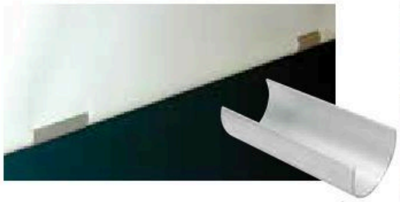
STK#	EACH	50-99	100 & UP
102197	$10.27	$9.86	$9.46

Keep your cable straight and tight.

- Made of corrosion-resistant PVC.
- Simply fill to desired weight and hang.

CURTAIN AND WINCH COUNTERWEIGHT

STK#	EACH
CC2650	$22.95



Fastening shade, greenhouse film and curtain is a snap with our Labor Saver Aluminum Fabric Clip.

- No need to use tape or screws.
- Won't tear or pierce your valuable fabric.

LABOR SAVER ALUMINUM FABRIC CLIPS

STK#	FITS	EACH	100 & UP
CC6209	0.706" OD Pipe	$0.64	–
CC6211	0.922" OD Pipe	1.45	$1.39
105107	1.05" OD Pipe	1.65	1.59
CC6212	1.315" OD Pipe	1.72	1.65
CC6213	1.66" OD Pipe	1.95	1.89
CC6214	1.90" OD Pipe	2.21	2.15
CC6216	2.375" OD Pipe	3.35	3.25

Make curtain adjustment faster and easier.

- Fits up to 1/2" pipe.

LEXAN® CURTAIN CLIP

STK#	EACH
CC2110	$0.85

Greatly extend curtain life by eliminating the need to pierce the curtain to attach drop cords.

- For use with 1/8" curtain cord and cable.
- Provides one-hand adjustment.

CURTAIN THUMB NUT

STK#	EACH	100 & UP
CC2100	$0.29	$0.27

Just a "Twist-of-the-Wrist," or a turn of the drill, rolls up curtains on livestock buildings.

- Unique ball bearings on unirail system eliminate binding associated with other designs.
- Components engineered for greenhouse applications.
- Combination gear box and double output shaft fits 1.315" OD conduit.
- Rail comes complete with mounting hardware.
- Gear box can roll up to single 150' curtain from the end or two 75' curtains from the center.
- 115422 provides an adjustable handle for reaching a variety of heights. Adjust to reach 117", 144" and 172".

102717

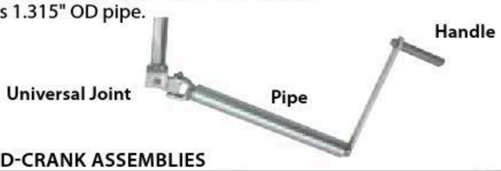
103496

ROLL-UP CURTAIN ASSEMBLY

STK#	ITEM	EACH
103496	15:1 Gear Box	$174.95
103544	Mounting Plate for 15:1 Gear Box w/Screws	18.65
102717	Double Drive Set for Gear Box	50.95
102569	Roller Bearing Assembly for Gear Box	35.25
102724	8' Aluminum Rail w/Mounting Hardware	64.95
106428	16' Aluminum Rail w/Mounting Hardware	135.95
102480	6-1/2' Drive Handle and Drill Attachment	59.95
115422	Adjustable Length Handle	58.95

Perfect for fast and easy curtain roll-ups.

- Can be installed on side or ends of most greenhouse and animal agricultural buildings.
- Longer lengths are ideal for high overhead doors.
- Includes handle, pipe and universal joint.
- Fits 1.315" OD pipe.



HAND-CRANK ASSEMBLIES

STK#	SIZE	EACH
103393	12"	$44.95
101840	36"	48.95
101841	48"	51.95
101842	60"	58.95
101843	72"	63.95
101844	96"	69.95
101845	144"	77.95

Control and provide proper ventilation in barns, greenhouses, riding arenas and more. Design the perfect sidewall curtain system with our Premium Glider Curtain Assembly Components.

- Choose our PolyMax® 10 oz. Curtain, available in White and Clear, or our VinylTek™ 16 oz. Curtain, available in White, Clear and Super Clear.
- Available with manual or electric options. Manual Glider Assemblies include 40:1 Gear Box. Electric Glider Assemblies include 300 W motor. Use our Phason NVC Curtain Control with electric option to automatically raise and lower curtain based on your temperature settings.
- Let our knowledgeable National Account Managers design the ideal Premium Glider Curtain System for your application.

PREMIUM GLIDER CURTAIN ASSEMBLY COMPONENTS

STK#	ITEM	EACH	DISCOUNT PRICE
MOUNTING COMPONENTS			
CC2140	8' Fastening Strip	$ 9.25	$8.89 (50 & up)
109381	Center Roll Bar Clamp	18.49	–
SINGLE PIECE CURTAIN CHANNEL			
111984	12' Curtain Channel	$51.95	–
MANUAL ROLL-UP COMPONENTS			
109393	Single Roll-Up, Single Output Glider	$325.00	–
109383	Double Roll-Up, Single Output Glider	439.00	–
109382	Single Roll-Up, Double Output Glider	335.00	–
109384	Double Roll-Up, Double Output Glider	565.00	–
111385	Straight-Shaft Hook	33.95	–
MANUAL/ELECTRIC COMBO ROLL-UP			
111952*	Double Roll-Up, Double Output Glider	$1,235.00	–

*This double roll-up system includes a manual and an electric gearbox and is ideal for taller openings.

STK#	ITEM	EACH	DISCOUNT PRICE
ELECTRIC ROLL-UP COMPONENTS			
109900	Single Roll-Up, Double Output Glider	$ 969.00	–
109901	Double Roll-Up, Double Output Glider	1,595.00	–
CF1860	Phason NVC Curtain Control	409.00	–
112249	300 W Single Control Power Supply	655.00	–
112250	300 W Double Control Power Supply	705.00	–
109787	Electric Wire Guard, per ft.	4.09	–
109788	Wire Guard End Connector	3.05	$2.95 (500 & up)
109906	Tube to Electric Motor Adapter	35.49	–
109905	1.315" Adapter to Electric Motor	33.49	–
109904	1.66" Adapter to Electric Motor	37.95	–
CONNECTIONS AND CONDUIT			
109388	Adapter for Channel Roll Bar	$43.95	–
108517	Curtain Channel Roll Bar	35.95	–
109378	6" Curtain Channel Coupler	5.09	–
109386	Adapter for 1.315" OD Conduit	50.95	–
131S096	1.315" OD Conduit, 96"L	19.69	$18.95 (50 & up)
CC6212	Aluminum Fabric Clip for 1.315" OD Conduit	1.72	1.65 (100 & up)
109387	Adapter for 1.66" OD Conduit	48.95	–
166S099	1.66" OD Conduit, 99"L	41.95	40.95 (50 & up)
CC6213	Aluminum Fabric Clip for 1.66" OD Conduit	1.95	1.89 (100 & up)
ANTI-BILLOWING COMPONENTS			
109332	Top Strap Bracket	$ 3.69	–
AS9250D	2" Bolt-On Lashing Winch	26.75	–
111305	2" SS Bolt-On Lashing Winch	109.95	–
109329	Bottom Strap Bracket	5.65	–
109621*	2" 3,000 lb. Strapping	61.95	$59.95 (6 & up)
109748*	2" 2,500 lb. Premium Strapping†	60.95	–

*300' Roll. †Premium White Strapping has a tighter weave, making it extremely durable and ideal for anti-billowing applications.

STK#	ITEM	EACH	DISCOUNT PRICE
MANUAL DROP-DOWN COMPONENTS			
109335	1.315" OD Conduit Clamp	$ 3.69	–
AR1530	1/8" Galvanized Cable, per ft.	0.35	$ 0.34 (1,000' & up)
AR1550	3/16" Galvanized Cable, per ft.	0.47	0.45 (1,000' & up)
AS1003	3/16" Galvanized Cable Clamp	0.69	0.66 (100 & up)
AS5058	3-1/2" Vertical Cast Iron Pulley	13.69	–
AS5220	1-1/2" Cable Pulley	4.25	4.15 (50 & up)
109395	Double Pulley with Fixed Eye	6.45	–
109784	Wall-Mount Pulley Bracket	3.89	3.75 (50 & up)
CC2650	Counterweight	22.95	–
AS9320	Two-Way 1,400 lb. Winch	75.95	69.95 (10 & up)

CURTAIN DOORS

STK#	ITEM	EACH
109362*	6' Curtain Drive Door	$455.95
109363*	7' Curtain Drive Door	499.95
109364*	8' Curtain Drive Door	535.95
109365*	9' Curtain Drive Door	599.95
109366*	10' Curtain Drive Door	605.95
109367*	11' Curtain Drive Door	659.95
109368*	12' Curtain Drive Door	925.95
110253	6" Curtain Drive Door Extension	69.95
110254	12" Curtain Drive Door Extension	88.95
110255	18" Curtain Drive Door Extension	149.95
110256	24" Curtain Drive Door Extension	155.95
110257	Curtain Drive Door Cap	61.95
109369	6' Curtain Tail Door	182.95
109370	7' Curtain Tail Door	215.95
109371	8' Curtain Tail Door	236.95
109372	9' Curtain Tail Door	272.95
109373	10' Curtain Tail Door	285.95
109374	11' Curtain Tail Door	325.95
109375	12' Curtain Tail Door	335.95
110258	6" Curtain Tail Door Extension	47.95
110259	12" Curtain Tail Door Extension	57.95
110260	18" Curtain Tail Door Extension	67.95
110261	24" Curtain Tail Door Extension	82.95
110262	Curtain Tail Door Cap	31.95

*Add L or R to end of STK# to indicate left or right door.

The perfect roll-up curtain.

- 10 oz. White Curtain is available with our Premium Glider sold separately and Premium Tube Roll-Up Support Systems, sold separately.
- Count: Nominal 14 x 14 tapes per in.
- Mullen Burst: 510 PSI.
- 22 mil thickness.
- Available in White or Clear.
- Priced per linear ft.

W C COLORS

POLYMAX® 10 OZ. ULTRA CURTAIN

		PRICE PER LINEAR FT.		
STK#	WIDTH	500' & UP	100'-499'	EACH
101802	21"	$2.39	$ 2.49	$ 2.59
101804	33"	2.94	3.06	3.19
101806	45"	3.09	3.21	3.35
101808	57"	3.73	3.89	4.05
101810	69"	4.29	4.46	4.65
101812	81"	5.05	5.26	5.48
101814	93"	5.61	5.85	6.09
101816*	105"	6.57	6.84	7.13
101818*	117"	7.51	7.82	8.15
101820*	129"	8.71	9.08	9.46
101822*	141"	9.67	10.07	10.49

*Maximum continuous roll: 300'.

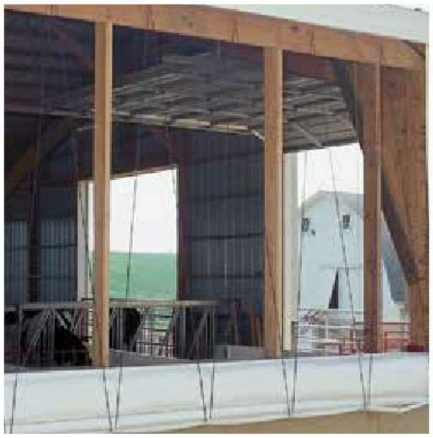
Ideal curtain for hog and dairy.

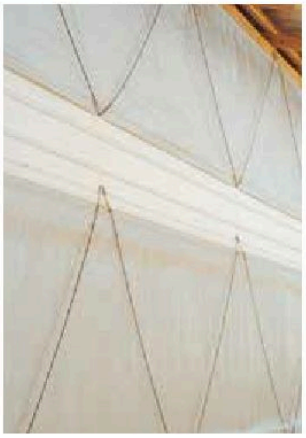
- Nominal 12 x 12 tapes per in.
- Mullen Burst: 425 PSI.
- 16 mil thickness.
- Priced per linear ft.
- Available in Clear, Silver/White or White.

W C SW COLORS

POLYMAX® 7.5 OZ. SUPER PREMIUM CURTAIN

		PRICE PER LINEAR FT.		
STK#	WIDTH	500' & UP	100'-499'	EACH
101621	21"	$2.05	$2.14	$2.22
101623	33"	2.26	2.35	2.45
101625	45"	2.39	2.49	2.59
101627	57"	2.72	2.83	2.95
101629	69"	3.06	3.19	3.32
101631	81"	3.87	3.83	3.99
101633	93"	4.02	4.18	4.36
101635	105"	4.93	5.13	5.35
101637	117"	5.48	5.71	5.95
101639	129"	6.44	6.70	6.98
101576	141"	6.96	7.25	7.55





PolyMax® 5.2 oz. Clear Barn Curtain is stronger than any other medium weight barn curtain.

- Added UV inhibitors. Superior to all poultry house curtains.
- Will not tear or rot.
- Superior cold-crack resistance.
- 10 x 8 tapes per in.
- 12 mil thickness.
- Priced per linear ft.

C COLORS

POLYMAX® 5.2 OZ. CLEAR BARN CURTAIN

		PRICE PER LINEAR FT.		
STK#	WIDTH	600' & UP	100'-599'	EACH
102044	12"	$0.96	$1.00	$1.04
102045	15"	1.06	1.10	1.15
102046	18"	1.24	1.30	1.35
102047	21"	1.43	1.49	1.56
102048	33"	1.59	1.65	1.72
102049	45"	1.98	2.06	2.15
102050	57"	2.53	2.64	2.75
102051	69"	2.76	2.87	2.99
102052	81"	3.27	3.41	3.55
102053	93"	3.51	3.66	3.81
102054	105"	3.92	4.08	4.25
102055	117"	4.47	4.66	4.85
102056	129"	5.34	5.56	5.79
102057	141"	5.70	5.94	6.19
102058	153"	5.98	6.23	6.49
102059	165"	6.39	6.65	6.93
102060	177"	6.78	7.06	7.35

ORDERING: CURTAIN

Add the following to the end of the STK#: W (White), C (Clear), SC (Super Clear), BW (Black/White), BB (Black/Black), BBW (Black/Black/White), SW (Silver/White).

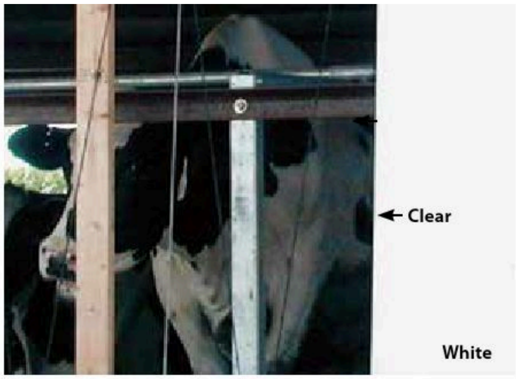
Super Clear Curtain, with a "see-through" effect, lets the sun shine in, provides a nourishing environment for your livestock, promotes faster weight gain and conserves your energy costs.

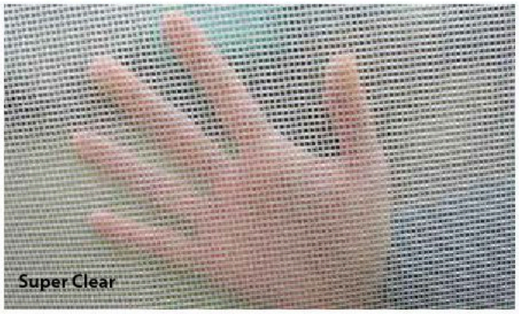
- 16 oz. VinylTek™ Curtain is available with our Premium Glider and Premium Tube Roll-Up Support Systems, sold separately.
- Cold crack: -20°F.
- Matte finish does not attract dirt.
- Standard embossing: Taffeta.
- Fabric: Polyester, Weft 1,000 x 1,000 denier.
- Weight: 16 oz. per sq. yd.
- Tensile strength: Warp 240 lbs., Fill 235 lbs.
- Tear strength: Warp 75 lbs., Fill 70 lbs.
- Hydrostatic resistance: 370 PSI.
- Super Clear lets in maximum light.
- Formulation: Additives for outside curtain and general applications add superior cold crack and UV resistance.
- Available in Clear, White or Super Clear.
- Priced per linear ft.

W C SC COLORS

VINYLTEK™ 16 OZ. CURTAIN

		PRICE PER LINEAR FT.		
STK#	WIDTH	300' & UP	100'-299'	EACH
101516	21"	$ 3.44	$ 3.58	$ 3.73
101701	33"	3.92	4.08	4.25
101703	45"	5.11	5.33	5.55
101705	57"	6.05	6.30	6.56
101707	69"	7.05	7.34	7.65
101709	79"	8.47	8.82	9.19
101711	91"	9.70	10.11	10.53
101713	103"	11.38	11.86	12.35
101715	115"	13.59	14.16	14.75
101717	127"	16.67	15.73	16.39
101719	139"	16.67	17.37	18.09
101518	151"	17.46	18.19	18.95





ClearView Curtain lets the sun shine in.

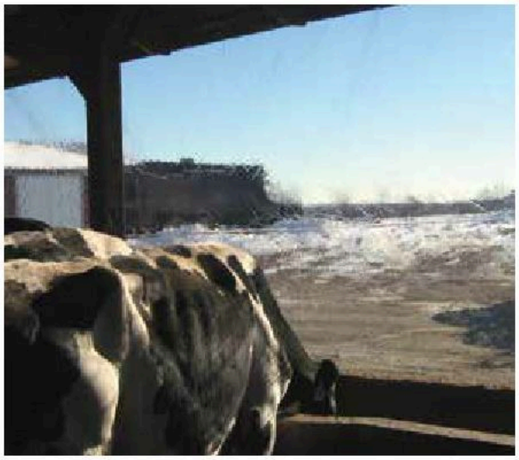
- Provide a nourishing environment for your livestock, promote faster weight gain and conserve on high energy costs.
- Manufactured from 16 mil or 20 mil double-polished vinyl with a border of 22 oz. white laminated vinyl.
- Ideal as roll-up curtain in most applications. Not intended for drop-down applications.
- Large hem is included.
- Sizes listed below are net width that includes 5" hem for roll up.
- Priced per linear ft.

C COLORS

CLEARVIEW BARN CURTAIN

		PRICE PER LINEAR FT.					
		300' & UP		100'-299'		EACH	
STK#	WIDTH	16 MIL	20 MIL*	16 MIL	20 MIL*	16 MIL	20 MIL*
105649	24"	$ 5.05	$ 6.81	$ 5.25	$ 7.09	$ 5.45	$ 7.39
105650	36"	6.55	8.06	6.85	8.40	7.09	8.75
105651	48"	8.15	9.99	8.49	10.40	8.83	10.84
105652	60"	10.05	12.31	10.45	12.82	10.89	13.36
105653	72"	11.89	14.64	12.39	15.25	12.89	15.89
105654	84"	14.15	17.32	14.75	18.04	15.36	18.79
105655	96"	16.05	19.68	16.69	20.50	17.39	21.35
105656	108"	17.85	20.62	18.59	21.49	19.35	22.39

*Add 20 to the STK# for 20 mil (ex. 10564920).



Prevents light penetration more completely than any other poultry house curtain.

- Available in Black/White or Black/Silver.
- Woven polyethylene with a count of 10 x 8 tapes per in. 12 mil thickness.
- Superior UV resistance.
- Black interior side is double coated.
- Silver exterior provides excellent heat-reflective properties.
- White exterior provides optimal heat-reflective properties.
- Lightweight to ensure reduced stress on roller mechanisms.
- Priced per linear ft.

BW BS COLORS

POLYMAX® PREMIUM BARN CURTAIN

		PRICE PER LINEAR FT.		
STK#	WIDTH	600' & UP	100'-599'	EACH
101673	12"	$1.03	$1.07	$1.11
101674	15"	1.06	1.10	1.15
101675	18"	1.06	1.10	1.15
101676	21"	1.10	1.15	1.19
101677	33"	1.43	1.49	1.56
101678	45"	1.80	1.87	1.95
101679	57"	2.19	2.28	2.38

		PRICE PER LINEAR FT.		
STK#	WIDTH	600' & UP	100'-599'	EACH
101680	69"	$2.58	$2.69	$2.80
101681	81"	2.91	3.04	3.16
101682	93"	3.07	3.19	3.33
101683	105"	3.51	3.66	3.81
101684	117"	3.68	3.83	3.99
101685	129"	4.67	4.86	5.07
101686	141"	4.88	5.08	5.29

Our double-layer blackout curtain combines two layers to achieve total darkness. We recommend using our double-layer curtains.

- Available in Black/Black or Black/Black/White, with small hems only.
- Count: Nominal 10 x 8 tapes per in.
- 12 mil nominal thickness per layer.
- Mullen Burst: 250 PSI.
- Priced per linear ft.

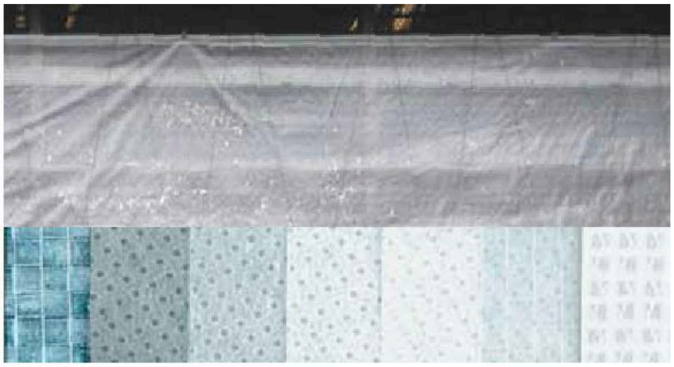
BB BBW COLORS

POLYMAX® ULTRA BLACKOUT BARN CURTAIN

		PRICE PER LINEAR FT.		
STK#	WIDTH	400' & UP	100'-399'	EACH
102013	21"	$2.53	$2.64	$2.75
102014	33"	3.01	3.15	3.29
102015	45"	3.53	3.68	3.83
102016	57"	4.06	4.23	4.41
102017	69"	4.75	4.94	5.15
102018	81"	5.43	5.65	5.89
102019*	93"	5.89	6.13	6.39
102020*	105"	7.14	7.44	7.75
102021*	117"	7.63	7.95	8.28
102022*	129"	7.63	7.95	9.25
102023*	141"	8.52	8.89	9.49

*Maximum roll length: 300'.

⚠ **WARNING:** Cancer and Reproductive Toxicity - P65Warnings.ca.gov



Ideal for extremely cold climates and the north side of buildings. Helps to reduce your heating costs.

- Estimated R-value of 3.
- All seven curtain layers will not absorb moisture, eliminating the problem of rot and mildew. Approximately 1/10" thick when compressed.
- Priced per linear ft.

7-Layer Curtain Construction:

2 outer layers

- One layer 16 oz. white vinyl outside.
- One layer 5.2 oz. polyethylene vapor barrier inside.

5 interior layers

- Four layers of high-tech, non-woven insulating materials.
- One layer 5.2 oz. polyethylene vapor barrier.

VINYLTEK™ 7-LAYER INSULATED CURTAIN

		PRICE PER LINEAR FT.		
STK#	WIDTH	400' & UP	100'-399'	EACH
101605	18"	$ 6.37	$ 6.63	$ 6.91
102037	24"	6.68	6.96	7.25
102038	36"	8.25	8.59	8.95
102039	48"	9.51	9.91	10.32
102040	60"	11.88	12.37	12.89
102041	72"	13.69	14.26	14.85

		PRICE PER LINEAR FT.		
STK#	WIDTH	200' & UP	100'-199'	EACH
102042	84"	$15.44	$16.09	$16.76
102043	96"	17.10	17.81	18.55
101606	108"	18.11	18.86	19.65
101607	120"	20.23	21.07	21.95
101608	132"	23.36	24.34	25.35
101609	144"	26.31	27.41	28.55

Our insulated curtain, with a 12" clear PVC strip, allows light in while your curtain is closed. This feature reduces lighting costs while keeping the cold out.

- Priced per linear ft.

VINYLTEK™ 7-LAYER INSULATED CLEARVIEW CURTAIN

		PRICE PER LINEAR FT.		
STK#	WIDTH	200' & UP	100'-199'	EACH
102128	18"	$ 7.74	$ 8.06	$ 8.39
102129	24"	8.12	8.45	8.81
102130	36"	9.85	10.26	10.69
102131	48"	11.31	11.78	12.27
102132	60"	14.05	14.64	15.25
102133	72"	15.97	16.63	17.32

		PRICE PER LINEAR FT.		
STK#	WIDTH	150' & UP	100'-149'	EACH
102134	84"	$18.11	$18.86	$19.65
102135	96"	19.77	20.59	21.45
102136	108"	20.91	21.78	22.69
102137	120"	23.55	24.53	25.55
102138	132"	26.50	27.60	28.75
102139	144"	30.09	31.34	32.65

Sunshine Curtain insulates and lets natural light in. Reduce lighting costs while improving your building's overall environment.

- Estimated R-value of 4.
- 3-layer construction.
- 5.2 oz. Clear premium outer layers and poly bubble inner layer.
- Can be used as drop down curtain, with heavy curtain rod or pipe, or double hem and install as a sliding, insulated panel.
- Priced per linear ft.

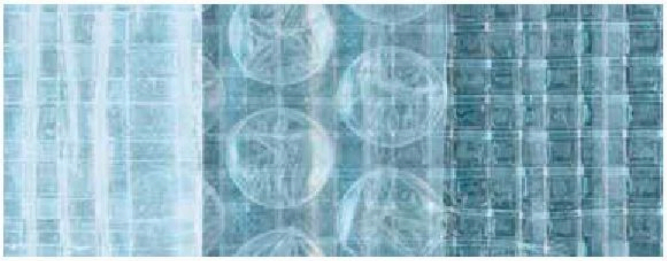
C COLORS

CLEAR INSULATED CURTAIN

		PRICE PER LINEAR FT.		
STK#	WIDTH	200' & UP	100'-199'	EACH
101562	18"	$ 6.39	$ 6.65	$ 6.93
102089	24"	6.58	6.85	7.14
102090	36"	8.01	8.34	8.69
102091	48"	9.26	9.65	10.05
102092	60"	11.57	12.05	12.55
102093	72"	12.17	13.72	14.29

CLEAR INSULATED CURTAIN

		PRICE PER LINEAR FT.		
STK#	WIDTH	125' & UP	100'-124'	EACH
101563	84"	$15.53	$16.18	$16.85
101564	96"	17.19	17.90	18.65
101565	108"	18.15	18.90	19.69
101566	120"	20.36	21.21	22.09
101567	132"	23.09	24.05	25.05
101568	144"	26.13	27.22	28.35



CLEAR QUILTED INSULATED CURTAIN

		PRICE PER LINEAR FT.		
STK#	WIDTH	200' & UP	100'-199'	EACH
101569	18"	$ 7.37	$ 7.67	$ 7.99
102094	24"	7.79	8.11	8.45
102095	36"	9.26	9.65	10.05
102096	48"	10.64	11.09	11.55
102097	60"	13.91	14.49	15.09
102098	72"	14.79	15.41	16.05

CLEAR QUILTED INSULATED CURTAIN

		PRICE PER LINEAR FT.		
STK#	WIDTH	125' & UP	100'-124'	EACH
101570	84"	$17.32	$18.04	$18.79
101571	96"	19.68	20.50	21.35
101572	108"	20.36	21.21	22.09
101573	120"	23.12	24.09	25.09
101574	132"	26.40	27.50	28.65
101575	144"	28.71	29.90	31.15

Create versatile and rigid tubular structures.

- Galvanized, corrosion resistant.
- A cost-effective alternative to welding.
- Strong and easy to assemble.

QUIK KLAMPS: Standard hex key and tube cutters are all the tools you need. Create tubular frames without welding, threading, bolting or drilling. All you need for a cost-effective, versatile and simple way to design and assemble load-bearing indoor and outdoor structures quickly and easily. Precut pipe is easily fitted and locked in.

REFERENCE GUIDE
1" for 1.315" OD Pipe / uses 7/32" Hex Key
1-1/4" for 1.66" OD Pipe / uses 1/4" Hex Key
1-1/2" for 1.90" OD Pipe / uses 5/16" Hex Key

SHORT SIDE OUTLET TEES

STK#	SIZE	EACH
105942	1"	$10.69
105944	1-1/2"	27.95

90° CORNER SWIVEL COMBINATIONS

STK#	SIZE	EACH
105966	1"	$20.35
105968	1-1/2"	32.45

DOUBLE SWIVEL

STK#	SIZE	EACH
105965	1-1/2"	$5.05

BASE SWIVELS

STK#	SIZE	EACH
10016306	1"	$18.29
10016307	1-1/4"	19.99

VERTICAL BASE FLANGES

STK#	SIZE	EACH
105975	1"	$15.75
105937	1-1/4"	28.25

SINGLE SWIVEL SOCKETS

STK#	SIZE	EACH
10016206	1"	$ 9.75
10016207	1-1/4"	18.39
10016208	1-1/2"	14.39

Save on labor and assembly costs.

- Great for fence posts. Reduces the chance of water accumulation inside the post.
- Increase the life of building and canopy covers by capping off exposed pipe.

112159

PIPE END CAPS

STK#	SIZE	EACH
112159	1.90" OD	$2.05
112160	2.375" OD	2.19
112161	3.5" OD	3.19

SIDE OUTLET TEE

STK#	SIZE	EACH
105940	1-1/4"	$13.05

LONG TEES

STK#	SIZE	EACH
10015706	1"	$11.75
10015707	1-1/4"	13.35
10015708	1-1/2"	19.05

SHORT TEES

STK#	SIZE	EACH
10015106	1"	$ 6.75
10015107	1-1/4"	8.69
10015108	1-1/2"	10.26

RAILING BASE FLANGES

STK#	SIZE	EACH
10016506	1"	$10.89
10016507	1-1/4"	20.25
10016508	1-1/2"	13.35

SHORT CROSSES

STK#	SIZE	EACH
10015806	1"	$ 8.19
10015807	1-1/4"	13.75
10015808	1-1/2"	30.95

RAIL BRACKETS

STK#	SIZE	EACH
10016606	1"	$ 7.55
10016607	1-1/4"	12.65
10016608	1-1/2"	11.32

CLAMP-ON TEES

STK#	SIZE	EACH
105957	1"	$12.09
105958	1-1/4"	20.69
105959	1-1/2"	14.95

BASE FLANGES

STK#	SIZE	EACH
10016406	1"	$ 9.79
10016407	1-1/4"	8.59
10016408	1-1/2"	16.65

3-WAY BLIND CORNERS

STK#	SIZE	EACH
10015506	1"	$10.05
10015507	1-1/4"	11.49
10015508	1-1/2"	15.65

3-WAY OPEN CORNERS

STK#	SIZE	EACH
10015606	1"	$ 7.75
10015607	1-1/4"	9.05
10015608	1-1/2"	11.85

CLAMP-ON CROSSOVER

STK#	SIZE	EACH
105962	1-1/2"	$8.15

CROSSOVERS

STK#	SIZE	EACH
10016006	1"	$ 6.69
10016007	1-1/4"	6.25
10016008	1-1/2"	14.75

STRAIGHT SLEEVES

STK#	SIZE	EACH
10015206	1"	$ 6.05
10015207	1-1/4"	13.25
10015208	1-1/2"	9.79

90° ELBOWS

STK#	SIZE	EACH
10015306	1"	$ 7.65
10015307	1-1/4"	8.45
10015308	1-1/2"	16.69

ADJUSTABLE SIDE OUTLET TEE

STK#	SIZE	EACH
10015407	1-1/4"	$8.29

COMBINATION SOCKETS

STK#	SIZE	EACH
10016106	1"	$11.35
10016108	1-1/2"	12.69

3-Way and 4-Way Pipe Couplers are ideal for repairing and building canopy frames and greenhouses.

- Manufactured from triple-galvanized steel for durability and corrosion resistance.
- Eye bolts included.
- Available for 1.315" and 1.66" OD pipe.

102191

102192

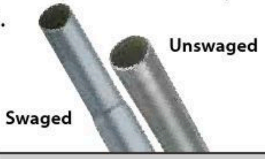
3-WAY PIPE COUPLERS

STK#	SIZE	EACH
102191	1.315"	$15.29
102193	1.66"	20.09

4-WAY PIPE COUPLERS

STK#	SIZE	EACH
102192	1.315"	$20.09
102194	1.66"	24.55

Ideal for barn curtains, greenhouse purlins, shade frames, racks, shelving, dairy stalls and more.



- Superior finish eliminates stains and chemical reactions on curtains.
- Swaged coupling design eliminates bulging exterior couplings that tear curtains.
- Resists corrosion.
- Smooth and straight for perfect roll ups and drop downs.
- Can be used for vertical anti-billow pipe, purlins for greenhouses and building shade frames.
- Available swaged at one end.

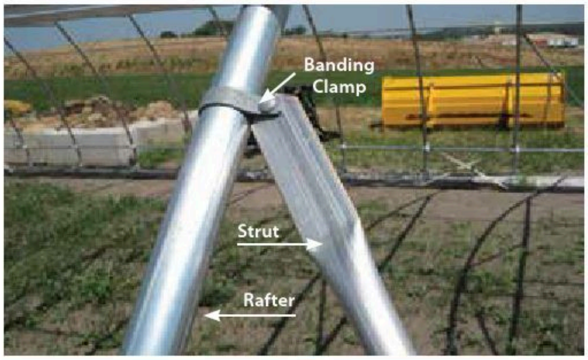
REFERENCE GUIDE
1" Quik Klamps for 1.315"OD.
1-1/4" Quik Klamps for 1.66"OD.
1-1/2" Quik Klamps for 1.90"OD.
Quik Klamps sold separately.

USA-MADE, TRIPLE-GALVANIZED CONDUIT

STK#	OD	LENGTH	GAUGE	SWAGE	EACH	50 & UP
106816	0.706"	96"	19	YES-3"	$ 8.19	$ 7.89
106817	0.706"	123.5"	19	YES-3"	11.29	10.85
106818	0.922"	120"	18	YES-3"	15.39	14.79
105368	1.05"	72"	19	YES-3"	13.35	12.85
104573	1.05"	96"	19	YES-3"	15.39	14.79
105S123	1.05"	123"	19	YES-3"	18.79	18.09
131P0255	1.315"	25.5"	17	NO	5.35	5.29
131S027	1.315"	27"	17	YES-3"	7.29	7.09
131S052	1.315"	52"	17	YES-3"	11.85	11.39
131P068	1.315"	68"	17	NO	14.19	13.65
131P072	1.315"	72"	17	NO	13.55	13.05
131P0735	1.315"	73.5"	17	NO	15.65	15.05
131S075	1.315"	75"	17	YES-3"	19.55	18.79
131P078	1.315"	78"	17	NO	21.95	21.09
131S096	1.315"	96"	17	YES-3"	19.69	18.95
131P096	1.315"	96"	17	NO	18.79	18.05
131S147	1.315"	147"	17	YES-3"	27.15	26.09
166S027	1.66"	27"	14	YES-3"	9.35	9.19
166S051	1.66"	51"	14	YES-3"	17.29	16.89
166S075	1.66"	75"	14	YES-3"	28.25	27.39
166P077	1.66"	77"	14	NO	22.15	21.49
166P096	1.66"	96"	14	NO	41.95	40.95
166S099	1.66"	99"	14	YES-3"	41.95	40.95
166P120	1.66"	120"	14	NO	52.95	50.75
190S051	1.90"	51"	14	YES-3"	21.59	20.75
190S075	1.90"	75"	14	YES-3"	36.95	35.95
190P096	1.90"	96"	14	NO	48.95	46.95
2375S124	2.375"	124"	14	YES-4"	74.95	69.95
2375P144	2.375"	144"	14	NO	84.95	81.95

Triple-Galvanized Struts Strengthen your structure.

- Improve the structural integrity of any hoop building or greenhouse by adding struts to increase the rigidity of the frame.
- Use for additional structural bracing in high-wind areas.
- Secure struts to rafter assemblies with our Pipe Banding Clamps, sold separately, or simply bolt on.



TRIPLE-GALVANIZED STRUTS

STK#	OD	LENGTH	GAUGE	EACH
QH1304	1.315"	60"	14	$28.79
QH1308	1.315"	82"	14	34.95
105353	1.66"	30"	14	28.79
105118	1.66"	42"	14	29.85
105576	1.66"	54"	14	33.95

NEW Dutton-Lainson® Pulling Winches offer an ideal winch for many agricultural and commercial applications, like moving heavy equipment, boats and other vehicles.

- These winches are ideal for horizontal pulling applications. Not recommended for lifting or vertical use.
- Gears are arc-welded and drive shaft gears are copper-brazed for durability.
- Ratchet-type pulling winches free wheel when the ratchet is disengaged.
- Heavy Duty steel handles have molded grips.
- All drive shafts have permanently lubricated bearings.
- Two-way ratchet (AS9320, AS9325 & AS9335) allows line to come from underneath or over the top of the reel.
- 5 year limited warranty.

AS9325

Self-locking brake winches provide additional safety and control for many lifting and pulling jobs.

- The load remains in position anytime the handle is released.
- DL® brake winches are suitable for many agricultural, commercial and industrial applications, such as raising and lowering augers, conveyors and boats.
- Meets ASAE safety standard S361.3.

DUTTON-LAINSON® PULLING WINCHES

STK#	CAPACITY	RATCHET TYPE	GEAR RATIO	HANDLE LENGTH	REEL CAPACITY	HUB DIA.	EACH	10 & UP
AS9305	600 lbs.	One Way	3.2:1	7"	61' x 5/32"	5/8"	$ 37.95	$ 36.95
AS9310	1,100 lbs.	One Way	3.7:1	7"	79' x 3/16"	7/8"	42.95	41.95
AS9315	1,300 lbs.	One Way	4.4:1	7"	56' x 7/32"	7/8"	48.95	47.95
119022	1,400 lbs.	One Way	4.1:1	7"	41' x 1/4"	7/8"	50.95	48.95
AS9320	1,400 lbs.	Two Way	4.4:1	9-1/2"	40' x 1/4"	7/8"	75.95	69.95
AS9325	1,800 lbs.	Two Way	5.4:1	9-1/2"	58' x 9/32"	1-1/8"	84.95	81.95
AS9335	2,500 lbs.	Two Way	17.3:1/5.4:1	9-1/2"	47' x 5/16"	1-1/8"	115.95	111.95

DUTTON-LAINSON® BRAKE WINCHES

STK#	CAPACITY	GEAR RATIO	MINIMUM OPERATING LOAD REQUIRED	HANDLE LENGTH	REEL CAPACITY	HUB DIA.	EACH	10 & UP
AS9355	1,200 lbs.	5.4:1	50	7"	69' x 7/32"	2-1/2"	$104.95	$100.95
AS9360	1,500 lbs.	5.4:1	75	9-3/8"	60' x 1/4"	2-1/2"	125.95	120.95
AS9370	2,500 lbs.	12:1	300	12-1/4"	51' x 5/16"	1-5/16"	236.95	227.95

⚠ DL® pulling winches are not recommended for lifting applications. For lifting, use a DL® brake or worm gear winch. DL® winches are not intended to be used as hoists for lifting, supporting or transporting people or for loads over areas where people could be present.

AS9360

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

Universal Gable End Frames

- Triple galvanized steel tubing.

UNIVERSAL GABLE END FRAMES

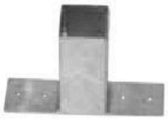
STK#	FITS FRAME WIDTHS	EACH
107939	12'-16'	$ 845.00
107940	17'-20'	975.00
107941	21'-24'	1,055.00
107942	25'-28'	1,169.00
107943	29'-32'	1,295.00
107944	32'-36'	1,379.00

Heavy Duty, triple-galvanized steel square tube fittings.

- Accommodates both 1.5" square tube (goes in) and 2" square tube (goes over).
- Fasten fittings with our #14 x 1" self-drilling, Zinc-Plated Tek Screws, sold in bulk packaged quantities of 100.
- 105088 can go over a square tube up to 3".

Unswaged

Swaged



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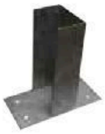

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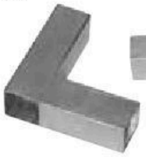

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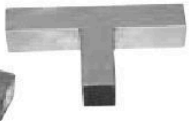

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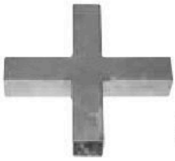

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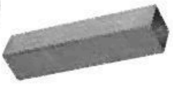

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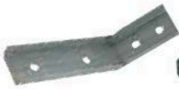


QH1330

FA4482A

TRIPLE-GALVANIZED STEEL SQUARE & RECTANGLE CONDUIT

STK#	OD	LENGTH	GAUGE	SWAGE	EACH	50 & UP
104779	1.5" x 1.5"	96"	16	NO	$ 24.69	$ 23.75
102897	1.5" x 1.5"	99"	16	YES - 4"	27.79	26.69
105328	2" x 2"	96"	14	NO	71.95	69.95
S20P120	2" x 2"	120"	14	NO	80.95	75.95
105330*	2" x 3"	99"	14	YES - 3"	98.95	95.95
105331	2" x 3"	123"	14	YES - 3"	123.95	119.95
105332	2" x 3"	126"	14	NO	123.95	119.95

*Both ends swaged.

HEAVY DUTY GALVANIZED STEEL SQUARE TUBE FITTINGS

STK#	ITEM	EACH	DISCOUNT PRICE
104624	1-Way with plate	$10.49	$10.09 (50 & up)
105088	1-Way Connector, Heavy Duty	7.09	6.85 (50 & up)
104625	2-Way	13.69	13.15 (50 & up)
104626	3-Way	20.55	19.75 (50 & up)
104627	4-Way	10.89	10.45 (50 & up)
104628	Middle Coupler	4.59	4.45 (50 & up)
QH1330	Adjustable Gable Frame Bracket	5.89	5.65 (50 & up)
FA4482A*	#14 x 1" Zinc-Plated Tek Screws	10.58	10.15 (10 & up)

*Sold in bulk packaged quantities of 100.

Fasten heavy-duty galvanized square tube fittings with our #14 x 1" self-drilling, Zinc-Plated Tek Screws.

Use Bulk Roll Polypropylene Strapping as Anti-Curtain Billowing or with Bolt-On Lashing Winches and Strap Ratchets.

AS9250D & 111305: Bolt-On Lashing Winch

- Use with our bulk 2" strap.
- Holds up to 8' of 2" tie-down strap.

QH1061: 1" Strap Ratchet

- Use with our bulk 1" strap.
- 3,300 lbs. breaking strength, 1,100 lbs. WLL.*

QH1065: 2" Strap Ratchet

- Use with our bulk 2" strap.
- 11,000 lbs. breaking strength, 3,670 lbs. WLL.*

*Working Load Limit.

BULK ROLL POLYPROPYLENE STRAPPING

STK#	SIZE	COLOR	CAPACITY	ROLL	EACH	6 & UP
111390	1"	Black	3,000 lbs.	300'	$ 86.95	$ 83.95
109621	2"	White	3,000 lbs.	300'	61.95	59.95
108013	2"	Black	3,000 lbs	300'	61.95	59.95
109748*	2"	Premium White	2,500 lbs.	300'	60.95	–
112109	2"	Yellow	10,000 lbs.	300'	167.95	161.95
109622	4"	White	5,000 lbs.	150'	53.95	51.95
108014	4"	Black	5,000 lbs	150'	57.95	55.95

*Premium White Strapping has a tighter weave, making it extremely durable and ideal for anti-billowing applications.

QH1061 QH1065 AS9250D/111305

TIE-DOWN AND RECOVERY WINCHES

STK#	ITEM	EACH
AS9250D	2" Bolt-On Lashing Winch	$ 26.75
111305	2" Stainless Steel Bolt-On Lashing Winch	109.95
QH1061	1" Strap Ratchet	5.95
QH1065	2" Strap Ratchet	11.45

Use our Tie-Down and Recovery Straps to secure your heavy loads.

AS9075: Ratchet Strap with Floating D-Ring

- 1" x 16'.
- With wire hook and floating D-ring.
- 400 lbs. WLL.*

AS9084: Portable Ratchet Strap with Flat Hooks

- AS9084: 2" x 15'.
- 3,333 lbs. WLL.*

AS9087: Portable Ratchet Strap with Wire Hooks

- 2" x 27'.
- For restricted areas.
- Quick-action ratchet locks loads in place.
- 3,333 lbs. WLL.*

*Working Load Limit.

AS9075

AS9087

AS9084

TIE-DOWN AND RECOVERY STRAPS

STK#	ITEM	SIZE	EACH
AS9075	Ratchet Strap w/Wire Hook & D-Ring	1" x 16'	$10.95
AS9084	Portable Ratchet Strap w/Flat Hook	2" x 15'	18.95
AS9087	Portable Ratchet Strap w/Wire Hooks	2" x 27'	15.95

FarmTek® Red S-Hook Ratchet Straps are Heavy Duty and will not loosen from road vibration.

- Working load limit: 500 lbs.
- Burst strength: 1,500 lb.
- Ergonomic handles available in both metal handle (117876) and rubber handle (117877).
- Straps come in pack of 4 to provide more tie-down capability.
- 1"W x 15'L.

117876 117877

FARMTEK® RED S-HOOK RATCHET STRAPS

STK#	HANDLE	EACH
117876	Metal	$15.95
117877	Rubber	15.95

The Heavy Duty FarmTek® Smart Strap can be used to move large debris or recover stuck vehicles.

- Working load limit: 15,000 lbs.
- Burst strength: 30,000 lbs.
- Ultra-durable, reinforced loop ends.
- Meets WSTDA-T-1 Standard.
- 3"W x 30'L.

FARMTEK® SMART STRAP

STK#	EACH
117878	$21.95

The FarmTek® Tow Strap with forged hooks.

- Working load limit: 2,200 lbs.
- Burst strength: 6,600 lb.
- Provides secure towing and easy hook up.
- Red-colored strap is highly visible and lighter.
- 2"W x 15'L.

FARMTEK® TOW STRAP

STK#	EACH
117872	$5.95

FarmTek® Red J-Hook Ratchet Straps reliably secures cargo.

- Working load limit: 1,467 lbs.
- Burst strength: 4,400 lbs.
- Hooks into many tie-down points.
- Ergonomic metal handle design.
- Straps come in pack of 2.
- 1.5"W x 20'L.

FARMTEK® RED J-HOOK RATCHET STRAPS

STK#	EACH
117873	$9.95

FarmTek® Blue S-Hook Ratchet Straps ideal for lighter-duty cargo.

- Working load limit: 1,000 lbs.
- Burst strength: 3,000 lbs.
- Ergonomic rubber.
- Straps come in pack of 2.
- 1"W x 15'L.

FARMTEK® BLUE S-HOOK RATCHET STRAPS

STK#	EACH
117875	$9.95

FarmTek® Camouflage J-Hook Ratchet Straps are incredibly strong.

- Working load limit: 3,334 lbs.
- Burst strength: 10,000 lbs.
- Metal handle tightens strap to maximum tension.
- Pack includes 1 strap.
- 2"W x 27'L.

FARMTEK® CAMOUFLAGE J-HOOK RATCHET STRAPS

STK#	EACH
117874	$19.95

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

The most user-friendly respirators on the market, featuring fewer parts, minimal maintenance and a wider field of vision.

- Available in 7000 Series Half-Mask and 9000 Series Full-Face versions, these respirators are lightweight and durable for maximum comfort with extended use.
- 7000 Series Half-Mask Respirators feature a curved neck buckle and adjustable head cradle to ensure a comfortable, custom fit.
- 9000 Series Full-Face Respirators are easily put on and taken off due to convenient ratchet fastening strap system and stand-away head harness. Features scratch and fog-resistant lenses.
- Cartridges and filters are Series 7000 and 9000 compatible and are sold by the pair. NIOSH certified.
- Cartridges and filters are sold separately below.

111181

111182

REUSABLE RESPIRATORS

STK#	ITEM	MODEL#	EACH
111182	7000 Series Half-Mask Respirator, Medium	7002	$ 18.49
111180	7000 Series Half-Mask Respirator, Large	7003	18.49
111181	9000 Series Full-Face Respirator, Medium	9002	181.95
111179	9000 Series Full-Face Respirator, Large	9003	181.95

REUSABLE RESPIRATOR ACCESSORIES

STK#	ITEM	APPLICATIONS	MODEL#	EACH
DH1702	Pre-Filters, Pair	Pesticides and paint spray	8910	$ 6.25
111186	Pre-Filter Retainers, Pair	Required for each Pre-Filter	7020	7.15
111185	P100 Particulate Filter Disks, Pair	Asbestos, lead, inorganic arsenic and cadmium	7940	11.29
111184	Organic Vapor Cartridges, Pair	Organic vapors	7100	17.49
111176	Acid Gas Cartridges, Pair	Chlorine, hydrogen chloride, sulfur dioxide, chlorine dioxide, hydrogen fluoride and hydrogen sulfide	7200	18.49
111183	Organic Vapor/Acid Cartridges, Pair	Organic vapors, chlorine, hydrogen chloride, sulfur dioxide, chlorine dioxide, hydrogen sulfide and hydrogen fluoride	7300	18.49
111177	Ammonia/Methylamine Cartridges, Pair	Ammonia and methylamine	7400	20.55
111178	Formaldehyde Cartridges, Pair	Formaldehyde	7500	20.95
111187	Multi-Gas/Vapor Smart Cartridges, Pair	Organic vapors, ammonia, methylamine, chlorine, hydrogen chloride, sulfur dioxide, chlorine dioxide, hydrogen fluoride, formaldehyde and hydrogen sulfide	7600	18.49

Super lightweight, wraparound lens offers peripheral vision and seamless design.

- Meets the new ANSI Z87+ safety standards.
- Universal nose bridge makes this lens a great fit for all.
- Smooth spatula temple design for extra comfort.
- Strong, yet lightweight polycarbonate lens filters out 99.9% of UV rays.
- Available in two styles.

VISITORS SAFETY GLASSES

STK#	STYLE	EACH
103909	Frost, Clear Lens	$1.69
103908	Black, Smoke Lens	2.15

Comfortable earplugs for any application.

- Extra-soft foam with tapered design fits snugly and comfortably in the ear.
- Multiple swirled patterns and fun colors in each package provide easy compliance checks.
- NRR 33, the highest independently rated earplug.
- Available in corded style in boxed quantities of 100 or uncorded in boxed quantities of 200.

108616

SPARKPLUGS® FOAM EARPLUGS

STK#	STYLE	QUANTITY PER BOX	BOX	DISCOUNT PRICE
108616	Uncorded	200	$41.95	$40.95 (10 & up)
108617	Corded	100	39.95	38.95 (20 & up)

The perfect kit for your home, workplace or car.

- Contains 17 first aid products including bandages, gauze pads, eye wash, wipes, tape, scissors and more.
- Exceeds OSHA requirements.

117579

First Aid Kit
102451

25/10 FIRST AID KIT

STK#	TYPE	EACH
102451	Unitized Kit	$31.89
117579	Refill Kit	22.09

The Kidde® Pro Line ABC Fire Extinguisher is rechargeable and designed to meet most commercial and industrial applications.

- Fire extinguisher can be recharged for continued use.
- Features an easy-to-pull safety pin and easy-to-read gauge that make the extinguisher simpler to operate and let you know when it is fully charged.
- Powder coated cylinder and chip-resistant paint provide corrosion protection and promote a long lifespan.
- Suitable for use on most common fires.
- USCG approved with included metal mounting bracket.
- 6-year limited warranty.

KIDDE® PRO LINE 2.5 LB ABC FIRE EXTINGUISHER

STK#	EACH
117578	$62.95

The Kidde® Disposable ABC Fire Extinguisher features an effective and user-friendly design that helps you put out fires quickly.

- Includes an easy-to-read gauge and easy-to-pull safety pin for simpler operation.
- The rust and impact resistant steel handle and powder coated cylinder provide durability and corrosion protection.
- Suitable for Class A, B and C fires and designed for vehicle use.
- USCG approved with included plastic mounting bracket.
- 6-year limited warranty.

KIDDE® DISPOSABLE 2.5 LB ABC FIRE EXTINGUISHER

STK#	EACH
117577	$40.95

Breathe easier.

- A great dust mask for the workshop or to mask odors.
- Comfortable, natural contoured shape.
- Soft, non-irritating fibers.
- Large filter for cooler, easier breathing.
- Overwhelming choice for light-duty use.
- Durable, ribbed construction.
- Economical packs of 50.

DUST MASKS

STK#	PACK
DH1011	$18.79

Protects against ultra-fine particles.

- Provides 95% filter efficiency against non oil-based particulates.
- Contour-fit nose piece.
- Lightweight.
- Offers clear vision.
- NIOSH N95 rated and approved.
- DH1840: Box of 20.
- DH1845: Box of 10.

N95 RESPIRATORS

STK#	EXHALE VALVE	BOX	12 & UP
DH1840	No	$109.95	$99.95
DH1845	Yes*	24.95	23.95

*Exhalation valve offers easier breathing in hot and humid conditions.

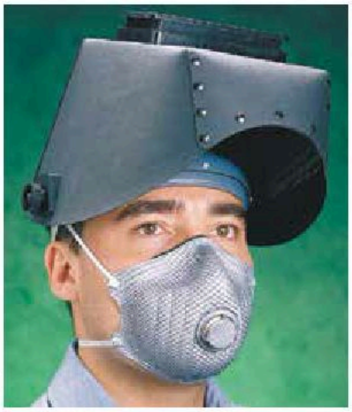
DH1845

Non Oil-Based Particulate Premium Particulate Respirator

- 2310N99 (Medium/Large).
- N99 TC-84A-1459.
- Higher level of protection-N99.
- Suitable for most welding applications.
- Protects against fumes from such metals as zinc oxide, tantalum, platinum, manganese and chromium dust.
- Box of 10.

NON OIL BASED PARTICULATE PREMIUM PARTICULATE RESPIRATOR

STK#	BOX	6 & UP
DH1820	$63.95	$61.95



Disposable respirator, with exhale valve, allows for greater comfort and breathing in areas with high humidity or extreme heat.

- 2400N95 (Medium/Large).
- N95 TC-84A-0883.
- Suitable for use while fertilizing, spraying pesticides and cleaning tanks.
- Added charcoal layer filters out nuisance levels of ozone and organic vapors such as acetone, benzene, gasoline, hexane, isoamyl acetate, ketone and toluene.
- Box of 10.

NUISANCE OZONE AND ORGANIC VAPOR PARTICULATE RESPIRATOR

STK#	BOX	10 & UP
DH1017	$67.95	$65.95

Non Oil-Based Particulate Respirators

2300 Series

- 2300N95 (Medium/Large).
- 2301N95 (Small).
- N95 TC-84A-0328.
- Box of 10.

NON OIL-BASED PARTICULATE RESPIRATORS

STK#	SIZE	BOX
DH1016	Med/Lg	$36.95
DH1019	Small	36.95

Particulate Respirator

- 2700N95 (Medium/Large).
- Ventex™ exhale valve lets the hot air out faster so workers breathe more easily and stay cooler.
- Soft foam nose flange for added comfort and no pressure points.
- Features a Handy Strap® drop-down strap for extended life and ease of use.
- Box of 10.

PARTICULATE RESPIRATOR

STK#	BOX	10 & UP
DH1007	$47.95	$46.95

Non Oil-Based Particulate Respirator

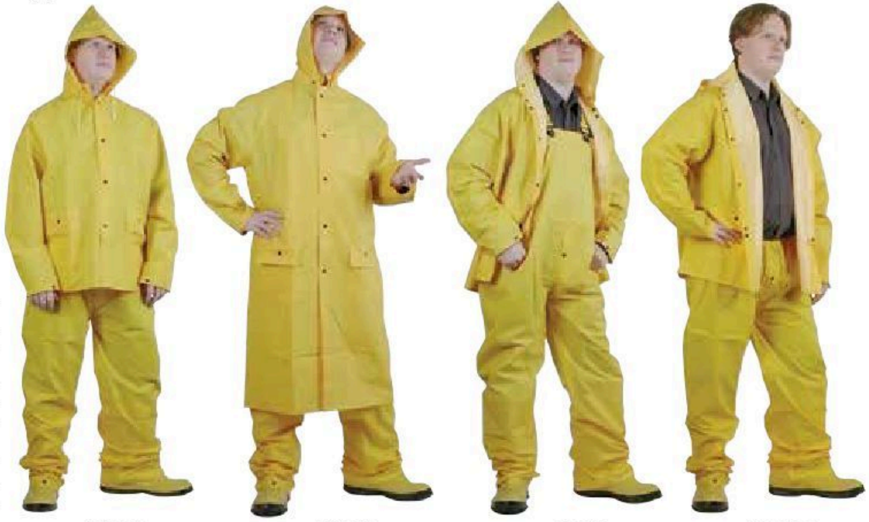
- 2200N95 (Medium/Large).
- N95, TC-84A-0327.
- Pre-stretched, stapled straps.
- Does not have exhale valve.
- Box of 20.

NON OIL-BASED PARTICULATE RESPIRATOR

STK#	BOX	12 & UP
DH1015	$30.85	$29.65

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

Keep warm and dry with one of our high-quality, 100% waterproof rain suit separates.



PVC RAIN JACKET WITH HOOD

STK#	SIZE	EACH	6 & UP
DH368	L, XL, XXL	$11.45	$10.95

PVC RAIN COAT WITH HOOD

STK#	SIZE	EACH	6 & UP
DH367	L, XL, XXL, XXXL	$12.59	$12.09

PVC BIB PANTS

STK#	SIZE	EACH	6 & UP
DH370	L, XXL	$7.19	$6.89

PVC ELASTIC WAIST PANTS

STK#	SIZE	EACH	6 & UP
DH3693	L	$10.79	$10.39

Save when you buy the full 3-piece rainsuit–any size, same low price. Complete, comfortable rain protection for less.

- All garments are 0.35 mm PVC supported by a polyester mesh backing
- Bib pants with adjustable suspenders.
- Move and work freely, even with work clothes underneath.
- Do not contain lead.

3-PIECE PVC RAIN SUITS

STK#	SIZE	EACH
112514	M	$17.49
112515	L	17.49
112516	XL	17.49
112517	XXL	17.49
112518	XXXL	17.49

Excellent protection.

- High-quality 100% blue polypropylene with nonslip white treads.
- Meets FDA requirements.
- Elastic opening for snug fit.
- Size: Large (fits up to shoe size 11).
- Bag of 100 (50 pair).

POLYPROPYLENE DISPOSABLE BLUE SHOE COVERS

STK#	EACH	4 & UP
DH3565	$16.95	$15.95

Easy-on, easy-off boot cover features elastic top.

- Heavy Duty 5 mil shoe cover.
- 20" height fits easily over regular work boots.
- Heavy-duty polyethylene resists light chemicals.
- Snug elastic top is an added barrier against dirt, debris and spray.
- Box of 50 (25 pair).

DISPOSABLE POLYETHYLENE BOOT COVERS WITH ELASTIC CUFF

STK#	SIZE	EACH	4 & UP
100938	M-XL	$19.55	$18.79
103574	XXL	21.59	20.75

Keeps dirt and debris out while preventing contamination.

- Heavy Duty 5 mil shoe cover.
- 18" height fits easily over regular work boots.
- Excellent for sanitary applications.
- Ties at top.
- One size fits all.
- Box of 50 (25 pair).

DISPOSABLE POLYETHYLENE BOOT COVERS WITH PERFORATED TIE

STK#	EACH	4 & UP
100939	$16.19	$15.19

ORDERING: GARMETS
Add the following (where applicable) to the end of the STK# to indicate your size selection: M: 2, L: 3, XL: 4, XXL: 5, XXXL: 6

Hood and boots provide full body coverage.

- Low cost, lightweight and disposable.
- Fits over regular work clothes.
- 100% soft polypropylene. Ideal for warm weather.
- Zips up front for easy on/off.
- A favorite with food processors.
- Sizes: L, XL, XXL, XXXL.

DISPOSABLE POLYPROPYLENE COVERALLS WITH ATTACHED HOOD AND BOOTS

STK#	EACH	25 & UP
100935	$2.55	$2.45

Low-cost, lightweight and disposable protection from dusty and dirty environments.

- Fits over regular work clothes.
- Performs perfectly in nonhazardous environments.
- Zips up the front for easy on/off.
- A favorite with food processors.
- Sizes: M, L, XL, XXL, XXXL.

ZIP-FRONT DISPOSABLE COVERALLS

STK#	EACH	25 & UP
100936	$1.95	$1.89

Sure footing with attached Tyvek® FC gray, skid-resistant boots.

- Hood has elastic face opening.
- Elastic wrists and ankles for improved fit.
- Comfortable, flexible and economical exposure protection.
- Excellent splash protection against many liquids.
- Size: XL.

COVERALL WITH ELASTIC WRISTS ATTACHED BOOTS AND HOOD

STK#	EACH	25 & UP
100096	$12.95	$12.75

Easy-on, easy-off protection.

- Comfortable, flexible and economical exposure protection.
- Excellent protection against many liquids.
- Strong, highly tear, puncture and abrasion resistant.
- Backed by DuPont® quality performance testing.
- Sizes: L, XL, XXL.

PANTS WITH ELASTIC WAIST

STK#	EACH	50 & UP
DH116	$9.25	$8.89

Excellent protective barrier in many environments.

- Comfortable, flexible and economical exposure protection.
- Excellent splash protection against many liquids.
- Sizes: L, XL, XXXL.

ZIP-FRONT DISPOSABLE COVERALLS

STK#	EACH	25 & UP
DH113	$13.35	$12.85

Protect your head and face with an elastic hood.

- Elastic wrists and ankles for improved fit.
- Comfortable, flexible and economical exposure protection.
- Excellent splash protection against many liquids.
- Sizes: L, XL.

COVERALL WITH ELASTIC HOOD, WRISTS AND ANKLES

STK#	EACH	25 & UP
100095	$12.95	$12.75

Offers excellent resistance to oils, greases and organic solids.

- 35"W x 50"L.
- Stays flexible in cold temperatures.
- PVC on polyester for added durability and strength.
- Adjustable tie traps.

35 MIL PVC APRON

STK#	EACH	4 & UP
DH3620	$5.09	$4.89

Elastic wrists and ankles.

- Comfortable, flexible and economical exposure protection.
- Excellent splash protection against many liquids.
- Sizes: L, XL, XXL.

ZIP-FRONT COVERALL WITH ELASTIC WRISTS AND ANKLES

STK#	EACH	25 & UP
100094	$12.95	$12.75

Microporous Disposable Coveralls create an effective line of defense against particulates, aerosols and liquids.

- Tough, composite fabric designed for protection in various work environments.
- Stands up to hazardous and non-hazardous liquid and dry particulate contaminants.
- Breathable microporous film and soft non-woven polyolefin provide superior comfort.

117521

117543

DEFENDER™ DISPOSABLE COVERALLS

STK#	SIZE	COLLAR	WRISTS	ANKLES	HOOD	BOOTS	EACH	25 & UP
117247	L	Yes	Elastic	Elastic	No	No	$8.95	$8.49
117521	XL	Yes	Elastic	Elastic	No	No	5.95	5.49
117522	XXL	Yes	Elastic	Elastic	No	No	8.95	8.49
117539	L	Yes	Open	Open	No	No	5.95	5.69
118585	XL	Yes	Open	Open	No	No	5.95	5.69
117540	XXL	Yes	Open	Open	No	No	5.95	5.69
117541	XXXL	Yes	Open	Open	No	No	6.19	6.09
117583	L	No	Elastic	Elastic	Yes	No	8.19	7.85
117584	XL	No	Elastic	Elastic	Yes	No	8.19	7.85
117585	XXL	No	Elastic	Elastic	Yes	No	8.19	7.85
118067	XXXL	No	Elastic	Elastic	Yes	No	8.19	7.85
117542	L	No	Elastic	Elastic	Yes	Yes	9.25	8.89
117543	XL	No	Elastic	Elastic	Yes	Yes	9.25	8.89
117544	XXL	No	Elastic	Elastic	Yes	Yes	9.25	8.89
117545	XXXL	No	Elastic	Elastic	Yes	Yes	9.25	8.89

Nitrile Disposable Powdered Gloves

- 6 mil thick.
- Ambidextrous.
- High degree of tactile sensitivity, dexterity, puncture resistance, chemical resistance and comfort.
- Size: S.
- Box of 100.

NITRILE DISPOSABLE POWDERED GLOVES

STK#	EACH	20 & UP
DH4321	$30.95	$51.95

Double-reinforced palm, thumb and index finger.

- Economy-grade leather, with striped cotton backing.
- 2-1/2" safety cuff.
- One size fits all.

DOUBLE LEATHER PALM GLOVES

STK#	PAIR	12 & UP
DH4870	$4.19	$4.05

Extra Heavy Duty 13 mil Latex Disposable Gloves are ideal for all food service jobs and are suited for work involving chemicals and solvents.

- Textured fingertips offer sure-grip.
- Chemical resistant.
- Powder free.
- Meets FFDCA requirements for food contact.
- Ambidextrous.
- Sizes: M, XL.
- Box of 50.

13 MIL DISPOSABLE LATEX GLOVES

STK#	BOX	10 & UP
DH484	$19.95	$18.95

Leather knuckle strap. Cotton back.

- Tapered elastic back for improved fit.
- Gunn pattern design. Wing thumb. Full index finger.
- Rubberized 2-1/2" safety cuff.
- Size: L.

LEATHER PALM GLOVES

STK#	PAIR	12 & UP
DH4040	$4.19	$4.05

Designed for work with oils, acids, caustics and grease.

- Liner provides protection against thermal burn.
- Protects against anhydrous ammonia and other agricultural chemicals.
- Abrasion resistant.
- One size fits all.

HEAVYWEIGHT 12" PVC GLOVES

STK#	EACH	12 & UP
DH4140	$3.05	$2.95

Embossed palms and fingers for a sure grip when handling wet or dry materials.

- Blue neoprene over yellow latex.
- Unmatched dexterity and superior resistance against punctures and tearing.
- 22 mil thick.
- Flock lined.
- Sizes: M, L, XL.

12" NEOPRENE GLOVES

STK#	PAIR	12 & UP
DH423	$2.05	$1.99

Excellent abrasion resistance with these Heavy Duty, latex-dipped gloves.

- Medium-weight gray cotton shell with Heavy Duty blue latex palm coating.
- Offers protection, comfort and a waterproof palm.
- Ideal general purpose work gloves.
- Sold by the dozen pair.
- Sizes: L, XL.

HEAVY DUTY LATEX-DIPPED GLOVES

STK#	DOZEN PAIR
DH416	$29.25

Long length provides more protection.

- 12" Heavy Duty disposable nitrile gloves.
- Powder and latex free.
- 8 mil thick.
- Meets FFDCA requirements.
- Ambidextrous.
- Sizes: M, L, XL.
- Box of 50.

12" NITRILE GLOVES

STK#	EACH	12 & UP
DH418	$35.55	$34.15

Nitrile Disposable Powder-Free Gloves

- 6 mil thick.
- Ambidextrous.
- Sizes: M, L, XL.
- Box of 100.

NITRILE DISPOSABLE POWDER-FREE GLOVES

STK#	BOX	10 & UP
DH445	$10.95	$10.49

NEW Cordova Split Leather Palm Insulated Work Gloves offer warmth, safety and durability. Ideal for yard work, landscaping, construction, barn and stable maintenance.

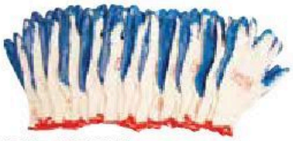
- Thinsulate® insulated lining keeps hands warm during cold weather use and provides added protection year-round.
- A rubberized safety cuff keeps gloves securely on and protects wrists.
- Gunn cut style features welted seams and a wing thumb with leather fingertips and forefinger for ease of movement.
- Continuous pull, knuckle strap and shirred elastic back keep glove close to the hand.
- Rugged bright yellow canvas contrasts with black leather, offering additional safety.
- Gloves are sold by the pair.
- Available in size L.

CORDOVA SPLIT LEATHER PALM INSULATED WORK GLOVES

STK#	PAIR
119120	$7.79

ORDERING: GOVES
Add the following (where applicable) to the end of the STK# to indicate your size selection: 1: Small, 2: Medium, 3: Large, 4: X-Large

Sure-grip, latex-coated, string knit gloves. Ideal general-purpose work glove offers comfort, protection and waterproof palm.



- Heavy Duty, double latex-coated, poly string knit cotton.
- Sold by the dozen pair.
- One size fits all.

DOUBLE LATEX STRING KNIT MEDIUM-WEIGHT GLOVES

STK#	DOZEN PAIR
103460	$20.95

Great protection against abrasions.

- Features a keystone thumb and tapered elastic back.
- Sizes: M, L, XL.

PIG GRAIN LEATHER DRIVER GLOVES

STK#	PAIR
DH406	$11.39

Flannel-lined for extra warmth and comfort.

- 8 oz. brown cotton jersey with red flannel lining.
- Ideal winter chore glove.
- Sold by the dozen pair.
- One size fits all.

FLANNEL-LINED COTTON JERSEY GLOVES

STK#	DOZEN PAIR
DH4910	$24.05

Complete welding jobs safely and efficiently with Premium Welding Gloves.

Goatskin

- Cowhide gloves (117754, 117755 & 117756) are durable, breathable and offer excellent abrasion and heat-resistance.
- Goatskin gloves (117757, 117758 & 117759) are ideal for applications where tactile sensitivity is needed and are Kevlar® sewn for added strength and protection.
- Gloves feature a split-leather gauntlet cuff that promotes superior wrist and forearm protection.

PREMIUM WELDING GLOVES

STK#	MATERIAL	SIZE	EACH
117754	Cowhide	M	$8.95
117757	Goatskin	M	8.95
117755	Cowhide	L	8.95
117758	Goatskin	L	8.95
117756	Cowhide	XL	8.95
117759	Goatskin	XL	8.95

Cowhide

Durable, 8 mil textured Latex Disposable Gloves are designed for the big jobs.

- Snug, secure fit.
- Double chlorinated for greater chemical resistance.
- Meets FFDCA requirements.
- Powder free.
- Ambidextrous.
- Sizes: M, L, XL.
- Box of 100.

8 MIL TEXTURED LATEX GLOVES

STK#	BOX	10 & UP
DH483	$34.75	$33.39

Extra long, ideal for A.I. applications.

- Clear 1.25 mil thick.
- High sensitivity. Excellent strength.
- Box of 100.
- Extra-long 35" shoulder length.
- Ambidextrous.
- One size fits all.

DISPOSABLE 35" POLYETHYLENE GLOVES

STK#	BOX	10 & UP
100937	$15.59	$14.95

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Dot Grip pattern ideal for gardening, farming and warehouse work.

- Cotton knit with vinyl dots.
- Great ventilation to keep hands cool.
- Hand-to-hand reversible.
- Machine washable.
- Sold by the dozen pair.
- One size fits all.

DOT GRIP GLOVES

STK#	ITEM	DOZEN PAIR
DH4000	FarmTek® Red Glove	$21.95
DH4001	TekSupply® Blue Glove	21.95

Perfect for material handling and fabrication operations where moderate heat and abrasion are a concern.

- Excellent as an economical liner or light-duty glove.
- Also for use in food service.
- Ambidextrous.
- Sold by the dozen pair.
- One size fits all.

MEN'S COTTON-POLY KNIT GLOVES

STK#	DOZEN PAIR	25 & UP
DH4010	$8.19	$7.89

Medium-weight 100% cotton glove.

- Knit wrist style.
- Sold by the dozen pair.
- One size fits all.
- Color: brown.

MEN'S 8 OZ. JERSEY GLOVES

STK#	DOZEN PAIR	25 & UP
DH4014	$9.25	$8.89

Latex provides sensitivity and durability for better protection.

- Meets FFDCA requirements for food contact.
- Sizes: S, M, L, XL.
- 5 mil thick.
- Lightly powdered.
- Box of 100.

DISPOSABLE LATEX GLOVES

STK#	BOX
DH109	$12.55

NEW Industrial-grade, Disposable Vinyl Gloves.

- Lightly powdered.
- 6.5 mil thick for resistance to tears and abrasions.
- Ambidextrous.
- Color: Green.
- 100 per box.

9" DISPOSABLE VINYL GLOVES

STK#	SIZE	BOX
118069	M	$4.95
118214	L	4.95

Economical arm protection.

- 1.25 mil, 100% polypropylene.
- Box of 100.

DISPOSABLE 18" SLEEVE

STK#	BOX	10 & UP
DH4810	$11.59	$11.09

Our kits are made from corrosion-resistant 1/4" hose with stainless steel clamps and white fog nozzles, so they will last for many seasons.

- Can reduce temperature by up to 25 degrees.
- AquaCool® Fan Cooler assemblies make cooling easy. Simply choose the size kit to match your fan and strap it to the front. Each kit comes with a female end to hook to any garden hose.

FAN COOLER KITS

STK#	SIZE	EACH
102323	24"	$50.95
102324	30"	58.95
102325	36"	66.95
102326	48"	73.95

NOZZLE QUANTITIES FOR FAN COOLER KITS

STK#	Item	24" Kit	30" Kit	36" Kit	48" Kit
WF4023	White Nozzle w/Cup Strainer	4	6	8	10

FAN COOLER ACCESSORIES

STK#	ITEM	EACH	DISCOUNT PRICE
WF4023	White Nozzle w/Cup Strainer	$2.25	$2.19 (500 & up)
WF4502	1/4" I x 1/4" I x 1/8"F Tee	1.35	–
WF1230	1/4" I x I x I PVC Tee	1.29	1.25 (50 & up)
WF2140	3/4" MGH x 1/2"M Adapter	1.39	1.35 (50 & up)
WF2057	1/4" I x 1/2"F Brass Adapter	5.41	5.19 (50 & up)
WF2480	SS Screw Clamp	1.08	1.05 (100 & up)
112052	7-1/2" Cable Ties, Bag of 100	2.95	2.89 (10 & up)

Low/Medium Pressure Fan Coolers

- Manufactured with our corrosion-resistant fans, 1/4" corrosion-resistant hose with stainless steel clamps and white fog nozzles that are formulated from special plastic to assure long service and life.
- Each kit comes with a female inlet to hook to any garden hose. Kits can be operated with or without Booster Pump.

VALUTEK™ FAN COOLERS LOW/MEDIUM PRESSURE SERIES

STK#	FAN SIZE AND STYLE	NUMBER OF NOZZLES	FAN USED-STK# FOR REFERENCE	EACH
106686	18" Wall or Ceiling Mount	3	106572	$255.00
106687	24" Wall Mount	4	106570	395.00
106688	30" Oscillating Pedestal	4	105524	339.00
106689	30" Wall Mount	4	106571	445.00
106690	36" Wall or Ceiling Mount	6	105538	585.00
106691	48" Box Fan	6	104060	925.00

High-volume, medium-pressure Wash Down Kit easily cleans difficult-to-reach areas such as pits, silos, walls, ceilings and more.

- Ideal for barns, milking areas, warehouses and large equipment.
- Powerful…washes like a fire hose.
- Dirt Blaster features our dual voltage Sta-Rite Signature 2000® Booster Pump with all stainless steel shell and shaft. Comes complete with cord.
- Kit comes complete with industrial-quality, Tri-Con Adjustable Spray Gun with 20" Water Wand Extension, Brass Sweeper Nozzle, 100' of 5/8" ID Hose, Full-Flo® Brass Couplings and is kink and crush resistant. All brass and stainless steel fittings are included.
- Rated flow: Up to 7 gallons per minute, 132 PSI.

100
HEAVY DUTY
Soft& SUPPLE

DIRT BLASTER WASH DOWN KIT

STK#	EACH
108325	$1,439.00

Special plastic formulation lasts longer than brass or stainless steel nozzles.

- 1/8" NPT nozzles.

WF1270

White (WF4023)
0.76 GPH
65° Spray Angle
Spray Pattern: Mist

Cream (WF4015) 1.02 GPH
105° Spray Angle

White (WF4055B)
2.00 GPH
105° Spray Angle

Cream (WF4013) 1.02 GPH
105° Spray Angle
Spray Pattern: Cone

Black (WF4033)
2.66 GPH
120° Spray Angle
Spray Pattern: Cone

Black (WF4035)
3.00 GPH
120° Spray Angle

FOG NOZZLES WITH CYLINDRICAL STRAINERS

STK#	ITEM	EACH	DISCOUNT PRICE
WF4015	1.02 GPH Cream	$2.25	$2.19 (500 & up)
WF4055B	2.00 GPH White	2.21	2.19 (500 & up)
WF4035	3.00 GPH Black	1.79	1.75 (500 & up)
WF1270	1/2"S x 1/2"S x 1/8"F Tee	1.35	1.29 (50 & up)

FOG NOZZLES WITH CUP STRAINERS

STK#	ITEM	EACH	DISCOUNT PRICE
WF4013	1.02 GPH Cream	$2.25	$2.19 (500 & up)
WF4023	0.76 GPH White	2.25	2.19 (500 & up)
WF4033	2.66 GPH Black	2.25	2.19 (500 & up)
WF1270	1/2"S x 1/2"S x 1/8"F Tee	1.35	1.29 (50 & up)

These fittings are designed to be used with feed and drain watering systems.

- Interior threads accept 3/4" standard pipe thread.
- Highly versatile fittings can also be used in aeroponic and drip applications.

111302

111300

111303

111304

EBB AND FLO FITTINGS

STK#	ITEM	EACH
111300	1/2" Barbed Bulkhead Fitting	$3.35
111301	3/4" Barbed Bulkhead Fitting	3.69
111302	Bulkhead Extension	1.59
111303	Bulkhead Screen	1.18
111304	Bulkhead Fitting Washer	1.15

Adapter fittings for all tanks.

- Heavy-duty, high chemical-resistant polypropylene construction.
- Double threaded – adapter fitting may be threaded into the bulkhead from either side.
- Available in 3/4" through 2" female NPT.
- A 3/16" wide EPDM sealing gasket is included.
- Replacement gasket for WF8581 is available (110265).

112964

112966

BULKHEAD ADAPTER FITTINGS

STK#	SIZE	EACH
112964	3/4"	$16.95
WF8582	1"	16.15
112965	1-1/2"	23.95
112966	2"	22.95
110265	Replacement Gasket for 112964	1.89

Durable industrial quality at a great price.

- Nozzle may be removed completely so the gun can be used with special purpose nozzles.

WF1146

WF1150

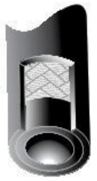
TRI-CON® ADJUSTABLE WATER SPRAY GUNS

STK#	ITEM	EACH
WF1146*	250 PSI (Nonweeping)	$37.95
WF1145	500 PSI (Weeping)	50.95
WF1150	20" Water Wand Extension	31.89

*Not for use with booster pump.

High quality, everyday low price.

- Seamless, abrasion and oil-resistant cover.
- 3/8" ID 3/4" OD.
- 3/8" MPT connectors (one solid/one swivel).
- One wire braid for maximum flexibility.
- For temperatures up to 250°F.
- 4,000 PSI.



HIGH PRESSURE HOSE

STK#	LENGTH	EACH
PW1008	50'	$125.95
PW1012	100'	219.95

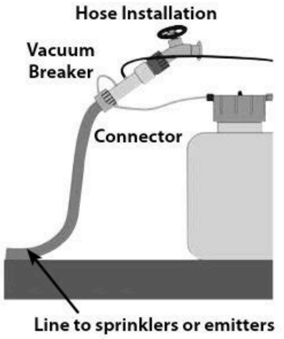
WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

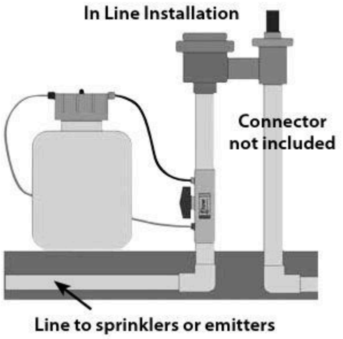
EZ-FLO Hose Bib & Drip Systems feed flowers, trees and shrubs without the need to constantly refill the tank.

- Ideal when you don't have a dedicated irrigation system, or when you want to separately address certain types of plants that require specialty fertilizers and supplements.
- Hose Bib Systems can be used by homeowners, nurseries or professional growers by simply attaching them to standard water faucets.
- Tanks are manufactured from Heavy Duty polyethylene plastic that is not designed to withstand constant water pressure. They need to be depressurized after each use to ensure long service life.
- There are many end devices that can distribute fertilizer and supplements, making this a very flexible system to use.
- Maximum pressure limit is 50 PSI in operating mode.
- Systems are available in two tank sizes: 3/4 gallon and 2.5 gallon.
- EZ-FLO ensures that the proportion of fertilizer or supplement to water remains constant from the beginning of the cycle until the tank is depleted.
- Units have an adjustable cap with four basic settings, relating to the amount of fertilizer/supplement mixed with water.
- Coupling connectors are available in 1" with socket x socket connections and 3/4" bushing adapter. These PVC Schedule 40 couplings are 1/4" nylon barbed tubing that are used to connect the EZ-FLO System to the irrigation flow line (1/4" flexible tubing is provided with each system).
- A must-have for your system is the Hose Vacuum Breaker, which prevents backflow into your drinking water using a brass anti-siphon bulb with stainless steel spring and screw.
- Capacity:
  107718 5 pounds water soluble.
  112246 10 ounds water soluble.
- Gallons to empty setting ratio:
  107718:
  (Slow) 1,000:1 - 750
  (1) 500:1 - 375
  (2) 250:1 - 188
  (Fast) 100:1 - 75
  112246:
  (Slow) 1,000:1 - 2,000
  (1) 500:1 - 1,000
  (2) 250:1 - 500
  (Fast) 100:1 - 200

LAWN & GARDEN FEEDER
EZ FLO
FLOW

112245



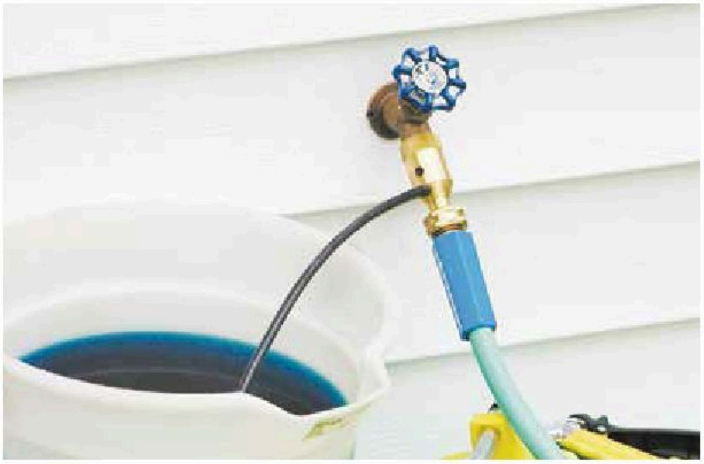


EZ-FLO HOSE BIB SYSTEMS AND ACCESSORIES

STK#	ITEM	EACH
107718	3/4-Gallon System	$ 81.95
112246	2.5-Gallon System	109.95
112245	3/4" and 1" Slip Coupling Connector w/Ball valve	35.95
WF3380	Hose Vacuum Breaker	7.75

Fertilizing has never been easier. Heavy Duty Brass Siphon Mixer fertilizes as you water.

- This accurate proportioning device has been exclusively designed for small-scale growers to dispense fertilizers, insecticides, fungicides and other water-soluble chemicals through a hose.
- Heavy Duty brass construction, with backflow preventer.
- Average dilution ratio: 16:1.
- Quickly and easily dispense one gallon of concentrate in as little as 5 minutes or less.
- Requires 35 PSI, minimum.



BRASS SIPHON MIXER

STK#	EACH	4 & UP
110093	$42.95	$41.95

MixRite Livestock Medicators are ideal for dispensing medications, vaccinations, vitamins, minerals, electrolytes, nutritional supplements, line cleaners and more.

- Accurately injects additives into water by means of water power. No electricity needed.
- Easy to install and maintain. Highly chemical and UV resistant.
- Easy to adjust the dosing percentage. Perfect blending.
- Works at a very low flow rate.
- Spare Seal Kit is included with every unit.
- 3/4" BSPT. Can be used with NPT if used with thread coated tape, sold separately.

112764

112765

MIXRITE HORTICULTURAL INJECTORS

STK#	ITEM	GPM	MAX. FLOW RATE	FLOW RANGE	PRESSURE RANGE	RATIOS	PERCENT	EACH
112764	Fixed Ratio Medicator	11	11 GPM	0.03 GPM to 11 GPM	2.9 PSI to 120 PSI	1:500	0.8%	$309.00
112765	Adjustable Medicator	11	11 GPM	0.03 GPM to 11 GPM	2.9 PSI to 120 PSI	1:333 to 1:50	0.3 to 2%	419.00

MixRite Horticultural Injectors ensure precise dosing continually and economically.

- Ideal for fertigation, water treatment, supplementation, disinfection, line cleaning, installations and pH and EC control.
- Water-driven proportioning injector for pumping an additive into a water line at a consistent rate over varying water pressure and flow rate.
- Easy to install and maintain. No electricity needed. Highly chemical and UV resistant.
- Ensures that nutrients are applied where needed.
- On-demand dispensing eliminates waste.
- Spare Seal Kit included with every unit.

112768

112769

112767

112763

112766

112907

MIXRITE HORTICULTURAL INJECTORS

STK#	GPM	INLET/OUTLET	MAX. FLOW RATE	FLOW RANGE	PRESSURE RANGE	RATIOS	PERCENT	EACH
112763	11	3/4" BSPT	11 GPM	0.03 GPM to 11 GPM	2.9 PSI to 120 PSI	1:500	0.2%	$ 309.00
112907	11	3/4" BSPT	11 GPM	0.088 GPM to 11 GPM	2.9 PSI to120 PSI	1:500 to 1:50	0.3% to 2%	679.00
112768	14	3/4" BSPT	14 GPM	0.044 GPM to 14 GPM	2.9 PSI to 120 PSI	1:500 to 1:50	0.3% to 2%	785.00
112766	22	1" NPT	22 GPM	0.88 GPM to 22 GPM	14.7 PSI to 120 PSI	1:500 to 1:50	0.2% to 2%	759.00
112769	45	1-1/2" NPT	45 GPM	2 GPM to 45 GPM	14.7 PSI to 120 PSI	1:500 to 1:50	0.2% to 2%	1,065.00
112767	110	2" NPT	110 GPM	9 GPM to 110 GPM	14.7 PSI to 120 PSI	1:333 to 1:40	0.3 to 2.5%	2,525.00

Fertilizer Injector Systems deliver a finely tuned fertilizer mix to keep vegetables, perennials, bedding plants and crops of all kinds thriving.

- The water-driven proportioning injectors automatically fertilize and maintain the proper pH every time you irrigate.
- These energy-efficient units do not require electricity.
- Injector boards allow you to purchase pre-mixed fertilizers and pH adjusters or mix your own custom solutions to address specific needs.
- Your choice of Single or Double Injector Systems. Single Injector Systems are ideal for all-in-one fertilizer mixes and feature one pump for fertilizer and one for pH adjustments. Double Injector Systems allow two-part fertilizer mixes to be utilized and feature two pumps for fertilizer and one for pH adjustments.
- Easy to set up and install. Simply attach the unit to where your water line enters the growing space.
- Spare seal kits are included.

FERTILIZER INJECTOR SYSTEMS

STK#	SYSTEM	EACH
113483	Double, Three Pump	$1,865.00
113484	Single, Two Pump	1,279.00

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Top-quality filter housings protect your equipment from damage due to water contamination.

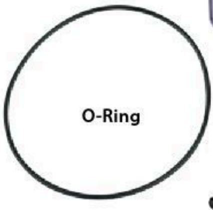
- Industrial-quality Filter Housings.
- All housings NSF listed under Standard 42.
- Passes cyclic pressure test of 100,000 cycles from 0 PSI to 150 PSI line pressure without failure of housings.
- Passes 300 PSI hydrostatic test and 400 PSI burst test.
- Jumbo Blue™ housing manufactured from reinforced polypropylene with 1" inlet and outlet.
- Standard Blue housings manufactured from reinforced polypropylene with 3/4" inlet and outlet.
- Clear Bowl housings have reinforced polypropylene top with 3/4" inlet and outlet and SAN bowl.
- Pressure relief valve.
- Maximum PSI: 100.
- Maximum Temperature: 125˚F.

103401

116004

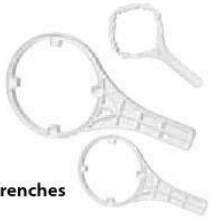
116000

115997



O-Ring

Mounting Bracket



Wrenches

INDUSTRIAL-QUALITY FILTER HOUSINGS

STK#	ITEM	FLOW RATE	INLET/ OUTLET SIZE	EACH
103401	Standard 10" Blue	15 GPM	3/4"	$39.95
116004	Standard 10" Clear	15 GPM	3/4"	32.95
116000	Standard 20" Blue	15 GPM	3/4"	61.95
115997	Jumbo 10" Blue	20 GPM	1"	62.95

ACCESSORIES FOR FILTER HOUSINGS

STK#	ITEM	EACH
103403	Mounting Bracket w/Screws for 103401	$ 8.09
116001	Mounting Bracket w/Screws for 116000 and 116002	3.19
116059	Mounting Bracket w/Screws for 115997	23.65
103405	Full Wrench for 103401	10.26
116002	Full Wrench for 116000 and 116004	3.89
115998	Full Wrench for 115997	11.29
103404	Replacement O-Ring for 103401	4.55
116005	Replacement O-Ring for 116004	3.39
116003	Replacement O-Ring for 116000	7.45
115999	Replacement O-Ring for 115997	7.15

Chemical and bacteria-resistant polyester filter media makes these cartridges suitable for industrial use, and swimming pool, spa and well water applications.

- The durable, reusable, nonwoven polyester is pleated to maximize its dirt-holding capacity, extending the time between changes.
- Polypropylene core with vinyl end caps and polyethylene outer sheath.

PLEATED POLYESTER FILTER CARTRIDGES

2-3/4" X 9-3/4" FOR STANDARD 10" HOUSINGS

STK#	FILTER	EACH	25 & UP
WR1650	1 Micron	$5.09	$4.65
WR1651	5 Micron	5.09	4.65
WR1652	20 Micron	5.09	4.65
WR1653	50 Micron	5.09	4.65

4-1/2" X 9-3/4" FOR JUMBO, BIG WHITE/BLUE HOUSINGS

STK#	FILTER	EACH	8 & UP
WR1661	5 Micron	$8.95	$7.95
WR1662	20 Micron	8.95	7.95
WR1663	50 Micron	8.95	7.95

String Wound Filter Cartridges

- Economical, compact cartridges are made from wound polypropylene string material.
- Easy to install and maintain.
- Rugged and durable, with maximum dirt-holding capability.

STRING WOUND FILTER CARTRIDGES 2-1/2" X 9-3/4"
FITS MOST STANDARD 10" FILTER HOUSINGS

STK#	FILTER	EACH	100 & UP
WR1036	5 Micron	$2.39	$2.29
WR1037	20 Micron	2.39	2.29
WR1040	30 Micron	2.39	2.29
WR1035	50 Micron	2.39	2.29

STRING WOUND FILTER CARTRIDGES 2-1/2" X 19-1/2"
FITS MOST STANDARD 20" FILTER HOUSINGS

STK#	FILTER	EACH	50 & UP
WR1960	5 Micron	$4.95	$4.49
WR1962	20 Micron	4.95	4.49
WR1964	30 Micron	4.95	4.49

STRING WOUND FILTER CARTRIDGES 4-1/2" X 9-3/4"
FITS MOST BIG WHITE, BLUE AND JUMBO FILTER HOUSINGS

STK#	FILTER	EACH	30 & UP
WR1950	5 Micron	$9.49	$8.79
WR1952	20 Micron	9.49	8.79
WR1954	30 Micron	9.49	8.79
WR1956	50 Micron	9.49	8.79

⚠ **WARNING:** Cancer and Reproductive Toxicity - P65Warnings.ca.gov

Complete Filter Kits improve poultry, livestock, commercial and residential water systems. Pressure gauges, shut-off valves and medicator hookups make cartridge changes easy.

- Filter removes abrasive particles that can cause water system damage.
- Kit comes complete with 50 micron wound filter cartridge and mounting bracket.

103547

103546

103548

102564

102563

COMPLETE FILTER KITS

STK#	ITEM	SIZE	FLOW RATE	EACH
103547	10" Standard Blue	3/4"	10 GPM	$ 67.95
103546	10" Standard Clear	3/4"	10 GPM	68.95
102564	10" Jumbo Blue	1-1/2"	25 GPM	168.95
102563	10" Jumbo/Medicator	1-1/2"	25 GPM	196.95
103548	10" Standard Clear/Medicator	3/4"	10 GPM	113.95

Reliable Manual Plastic Disc Filters provide superior filtration with practically no maintenance necessary.

- Manufactured for increased chemical resistance.
- Highly effective multiple disc ring design captures and holds more debris.
- Cleaning is required less frequently compared to screen filters. Rings are easily removed for fast cleaning without the need for scrubbing.
- Both Replacement Ring Sets include discs, spine and spine extension.

2" Dual Lite Manual Disc Filter

- Flow range: 40 GPM to 110 GPM.
- 120 mesh. 130 micron.
- Maximum pressure: 115 PSI.
- 2" male inlet and outlets.
- Dimensions: 10-1/4"W x 16-15/16"L.
- Ensure easy placement into your new or existing plumbing with our Schedule 40 PVC 2" S x FPT Special Reinforced Union (111580), sold separately. This union features Buna-N O-ring seal and special reinforced stainless steel collar. Maximum pressure: 235 PSI at 73°F.

3/4" Manual Disc Filter

- Flow range: 1 GPM to 12 GPM.
- 120 mesh. 130 micron.
- Maximum pressure: 140 PSI.
- 3/4" male inlet and outlets.
- Dimensions: 7-15/32"W x 5-22/32"L.

1" Manual Disc Filter

- Flow range: 5 GPM to 26 GPM.
- 120 mesh. 130 micron.
- Maximum pressure: 140 PSI.
- 1" male inlet and outlets.
- Dimensions: 6-7/32"W x 9-11/32"L.

1-1/2" Super Manual Disc Filter

- Flow Range: 10 GPM to 52 GPM.
- 120 mesh. 130 micron.
- Maximum pressure: 410 PSI.
- 1-1/2" male inlet and outlets.
- Dimensions: 7-7/8"W x 14-1/2"L.

111580

116475

113711

116476

111160

113712

112974

MANUAL DISC FILTERS

STK#	ITEM	EACH	5 & UP
116475	3/4" Manual Disc Filter	$ 38.95	–
113711	1" Manual Disc Filter	94.95	$ 91.95
116476	1-1/2" Super Manual Disc Filter	232.95	–
111160	2" Dual Lite Manual Disc Filter	679.95	655.95

SCH 40 PVC 2" S X FPTSPECIAL REINFORCED UNION

STK#	EACH	10 & UP
111580	$94.95	$91.95

REPLACEMENT RING SET

STK#	ITEM	EACH
113712	1" Replacement Ring Set	$134.95
112974	2" Replacement Ring Set	189.95

WARNING: Cancer and Reproductive Toxicity - P65Warnings.ca.gov ⚠

Granular Activated Carbon Filter Cartridges provide exceptional filtration and are a good option for high flow applications.

- Reduces bad taste and odors, as well as chlorine.
- Filters are designed for optimal absorption, and they feature a post filter that limits carbon fines.
- Improves drinking water by removing volatile compounds. Constructed from NSF-certified materials.
- These are a good option for point of use RO systems, whole-house filtration, commercial RO pretreatment and much more.

116007

116006

GRANULAR ACTIVATED CARBON FILTER CARTRIDGES

STK#	SIZE	EACH	DISCOUNT PRICE
116006	2-3/4" x 20"	$11.39	$10.45 (25 & up)
116007	4-1/2" x 9-3/4"	32.95	31.95 (8 & up)

Protects system lines and emitters from dirt and debris in the water supply.

- Flush valve makes removing sediment quick and easy.
- Manufactured from tough ABS plastic.
- 150 mesh screen.
- 3/4" and 1" Y-Filter both have male inlet and outlet.
- Replacement screens fit both size filters.

Y-FILTERS WITH FLUSH VALVE

STK#	ITEM	SCREEN	EACH
WF1010	3/4" Y-Filter w/Flush Valve	SS	$21.09
WF1020	3/4" Y-Filter w/Flush Valve	Poly	19.85
WF1025	1" Y-Filter w/Flush Valve	SS	21.95
WF1030	1" Y-Filter w/Flush Valve	Poly	20.89
WF1011	Replacement Screen	SS	7.29
WF1021	Replacement Screen	Poly	6.49

Burcam Discharge Effluent pumps are built to last and feature a cast iron motor and thermoplastic base.

- This multi-application, 1/2 HP pump has a maximum GPH of 3,300.
- Features 1-1/2" discharge with 1-1/4" reducer and can handle solids up to 3/4".
- Zinc model dissipates heat to extend motor life and eliminates corrosion.
- Features a 10' tethered switch.

BURCAM DISCHARGE EFFLUENT PUMP

STK#	EACH
115720	$259.00

Quickly and easily moves large volumes of water.

- Medium head models feature heavy-duty motors.
- Four-position discharge.
- J Series with Noryl® impellers are abrasion-resistant for normal applications with working temperatures to 140˚F.
- Easily serviced; has replaceable wear ring and back pull-out design.
- Drain port provided for easy winterizing.
- Close-grained cast iron body.

HIGH VOLUME CENTRIFUGAL PUMPS

STK#	HP	VOLTS	PHASE	EACH
WF4750	1/2	115 - 230	Single	$1,199.00
WF4770	1	115 - 230	Single	1,099.00
WF4772	1	208 - 230/460	Three	1,815.00
WF4810	1-1/2	115 - 230	Single	965.00
WF4820	2	230	Single	1,329.00
WF4822	2	208 - 230/460	Three	1,999.00

This multi-purpose Effluent Pump provides durability and dependability.

- 1/2 HP motor enables a maximum flow of 4,400 GPH.
- Handles up to 1/2" solids.
- 1-1/2" discharge with 1-1/4" reducer.
- Durable construction includes stainless steel motor casing and a cast iron base.
- Features a clog-free impeller.
- Water cooled.

EFFLUENT PUMP

STK#	EACH
115208	$305.00

4" Multi-Stage Submersible 1/2 HP Pump

- 6-stage, 1/2 HP, 115 V, double-sealed motor with thermal overload protection.
- Maximum load amps of 11.0. Pump operates with reduced amp draw, resulting in less energy consumption and lower energy costs.
- Cooler and quieter operation. Water passing over the motor cools while dampening noise.
- Corrosion-resistant stainless steel shell. Polycarbonate diffusers.
- 10' power cord.
- Pump must be submerged at all times during operation.

4" MULTI-STAGE SUBMERSIBLE PUMP

STK#	EACH
109770	$785.95

Burcam's Submersible Sump Pump is the ideal solution for residential basements.

- The pump is 1/3 HP and has a maximum GPH of 3,000.
- Maximum lift of 18 ft.
- Zinc model dissipates heat to extend motor life and eliminates corrosion.
- Designed to reduce overheating, so it can handle just about any residential application without getting too hot.
- Can be used to replace upright or submersible pumps. It is designed for permanent use in a basin that is at least 14" in diameter.

BURCAM SUBMERSIBLE SUMP PUMP

STK#	EACH
115722	$199.00

The Burcam Sewage Pump provides a superior option for the harshest sewage environments.

- This sewage pump is 1/2 HP and has a maximum GPH of 4,900.
- The heavy-duty motor is water cooled, allowing it to run longer without overheating.
- The motor is housed in a stainless steel motor casing and features a cast iron vortex impeller.
- Features a tethered switch.

BURCAM SEWAGE PUMP

STK#	EACH
115721	$515.00

Great for high volume washdowns and spray systems.

- 80 PSI maximum inlet pressure, 315 PSI maximum working pressure.
- 3/4" pipe tapping size for suction and discharge. Uses 1" for WF4730.
- Stainless steel shell and shaft.
- Acetal impeller, polycarbonate diffuser.
- Maximum liquid temperature: 140°F.

WF4720, WF4730:
Dual voltage, no cord.

REPLACEMENT PUMP STACKS

STK#	EACH
WF4714 for WF4710	$1,555.00
WF4717 for WF4720	545.00

SIGNATURE 2000® BOOSTER PUMPS

STK#	HP	# OF STAGES	RATED FLOW	DISCHARGE PRESSURE @ RATED FLOW	EACH
WF4700	1/2	9	7 GPM	90 PSI	$1,195.00
WF4710	3/4	12	7 GPM	132 PSI	1,335.00
WF4720	1	16	7 GPM	173 PSI	1,389.00
WF4730	1-1/2	9	20 GPM	115 PSI	1,179.00

Portable and versatile, this Submersible Utility/Sump Pump can be used in a variety of areas such as window wells, basements and roof tops.

- Easy to use, yet rugged. Corrosion-resistant plastic body construction.
- Self-cleaning screen reduces maintenance.
- Cord wrap feature for organized storage and easy portability.
- Maximum pumping capacity: 1,320 GPH.
- Includes 8' power cord and a garden hose adapter.

SUBMERSIBLE UTILITY/SUMP PUMP

STK#	HP	EACH
110832	1/4	$145.00

As a thermoplastic, corrosion-resistant utility pump, the Flotec Utility Pump is ideal for portable water transfer and pressure boost.

- Transfers surface water from natural sources for landscape irrigation.
- Can also be used to boost water pressure or as a portable sprinkler pump.
- Great for washing vehicles, equipment, sprinkling and more.
- 1/2 HP, 10.3 GPM, 62 max. PSI.
- Powered by a 115 V air-cooled motor and includes a 6' power cord, garden hose adapters and 1" threaded suction and discharge.

FLOTEC UTILITY PUMP

STK#	EACH
113583	$425.00

Support efficient water pressure

- High volume side discharge maintains optimum flow and efficiency.
- Large 6-1/2" diameter wet end helps with higher head pressure.
- 1/16 HP, 115 V.
- Wet end rotates for easy installation.
- 1" Thread x 1" Slip Pump Union sold separately below.

113537

113536

TINY MIGHT CIRCULATING PUMP

STK#	ITEM	EACH
113536	Circulating Pump	$339.00
113537	Pump Union	11.29

Submersible Waterfall/Utility Pump is ideal for hydroponic and aquaponic systems. Because it has a quiet, oil-free motor, it is safe for fish and plants.

- Designed for continuous operation. Ideal for waterfalls and streams.
- Heavy-duty thermoplastic and stainless steel construction maximizes pump life.
- Easy to install. Comes complete with 15' power cord, 1-1/4" barbed fitting and garden hose adapter.
- 1/3 HP. Maximum pumping capacity: 2,400 GPH.
- 1 year manufacturer's warranty.

SUBMERSIBLE WATERFALL/UTILITY PUMP

STK#	EACH
112656	$379.00

These cast iron sump pumps are ideal for basement sumps, dewatering and water transfer, and they feature durable construction, allowing them to be operated in even the most extreme conditions.

- Made from corrosion-resistant, rugged cast iron and stainless steel, and the ball-bearing construction enables a long life.
- Motor supports heat dissipation and has heat overload protection. It provides continuous bearing lubrication, and the shaft seal protects the unit from water damage.
- Allows for manual or automatic operation.
- 1-1/2" NPT discharge.
- Single phase.
- 1/3 HP.
- 115 V, 60 Hz.

SUMP PUMP

STK#	SWITCH TYPE	GPM (AT 10' LIFT)	EACH
113805	Vertical Automatic	49 (40)	$305.00

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